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# THE COMPUTATION LABORATORY
## OF
## HARVARD UNIVERSITY

# MATHEMATICAL LINGUISTICS AND
# AUTOMATIC TRANSLATION

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Cambridge, Massachusetts
January 1963

Anthony G. Oettinger
Principal Investigator

THE COMPUTATION LABORATORY

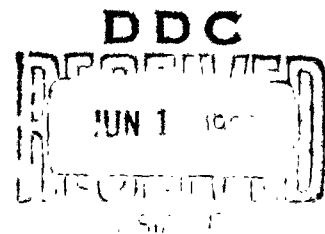Harvard University

Cambridge, Massachusetts

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MATHEMATICAL LINGUISTICS AND AUTOMATIC TRANSLATION

to

The National Science Foundation
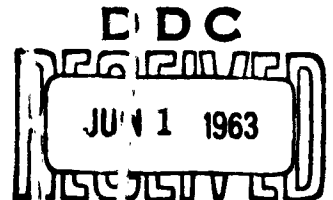
Cambridge, Massachusetts

January 1963

by

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# INTRODUCTION

Both the present report and the one which will follow it
shortly (NSF-9) are devoted entirely to describing the results of
work on the syntax of English initiated almost two years ago and
now proceeding in parallel with the work on Russian, with which
most of the earlier reports of this series have been concerned.
There have been earlier studies of English, as described in Reports
NSF-4 and NSF-6, but the present approach is a marked departure
from earlier efforts both at Harvard and elsewhere in that it leads
to all syntactic structures of a sentence that are compatible with
the grammar describing the language, not merely to one.

The general strategy of multiple-path syntactic analysis
has already been described in a paper presented at the International
Federation of Information Processing Congress held in Munich in
August 1962. For the sake of completeness that paper is presented
again in updated form as Section I of this report. The remainder of
the material is entirely new.

The complete grammar table currently used with the multiple-
path English analyzer forms the bulk of this report. A synoptic
description of this grammar is given in Section II. A more detailed
analytical description of the grammar, more extensive examples of
analyzed sentences and an evaluation of the products of analysis are
forthcoming in Report NSF-9.

Programming details and operating instructions are not described
in either report, but all the material necessary for operating the
multiple-path English analyzer on an IBM 7090 system can be made available
to responsible research workers.

Anthony G. Oettinger

Cambridge, Massachusetts
January 1963

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# I. MULTIPLE-PATH SYNTACTIC ANALYZER[*]

## Susumu Kuno and Anthony G. Oettinger

Abstract

Multiple analyses of syntactically ambiguous sentences have
been effectively and economically realized (for the first time) by a new
extension of the method of predictive syntactic analysis. Branchings
caused by homography (membership of a given word form in more than one
syntactic word class) and by multiple functions of a given word class
are followed in a systematic loop-free sequence in which each partial
path is traversed only once. Different paths that reach the last word
in a sentence correspond to different acceptable syntactic structures
of the sentence. —————

The prediction pool for this method is a pushdown store in the
strict sense; the topmost prediction in the pool is matched against the
class of the next word form of the sentence by look-up in an internally
stored table of grammar rules, whose content may be varied at will without
affecting the program for the analysis algorithm.

_(p II-1_

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[*]This section is an updated version of "Multiple-Path Syntactic Analyzer"
by the same authors presented at the International Federation of
Information Processing Congress – 62, Munich, Germany, August 29 to
September 1, 1962. The abstract for the original version was submitted
on August 29, 1961 and the paper itself on January 9, 1962. New
developments since that date are included in this section. The
Proceedings of the Congress have not yet appeared.

Satisfactory results have been obtained with programs for the
analysis of English. The basic principles of the new method offer a
convenient framework for the development of powerful techniques for
the syntactic analysis not only of English, but also of Russian. The
availability of alternative acceptable syntactic structures clarifies
some of the issues lumped under the heading of "semantic ambiguity".

## 1. Introduction

The method of predictive syntactic analysis[1,2,3,4] aims at
obtaining a single most probable description of the structure of an
input sentence in a single left-to-right scan through the sentence.
The computer program uses a storage area called the prediction pool.
At any intermediate point in the analysis of a sentence, the prediction
pool contains a single set of predictions, generated by the processing
of the preceding words, that may be fulfilled by the remaining words.
The prediction pool is similar to a pushdown store, in that the
prediction fulfilled and discarded is usually among the topmost ones
in the pool and in that the newly generated predictions are placed above
the remaining predictions.

Experiments on Russian and English texts have demonstrated the
capability of predictive analysis for handling complex sentence structures
including many levels of subordination or coordination, but the results
have been disappointing for the following reasons:

(1) There are many syntactically ambiguous sentences in natural
texts. Provisions for determining all legitimate alternative syntactic

structures are therefore essential from both the theoretical and the practical points of view. Neither estimates of the reliability of syntactic analysis nor significant attacks on the problems of choosing the semantically correct structures are possible without such provisions. A storage area termed hindsight has been provided in predictive analysis programs in the hope of enabling at least local alternative parsings, but practical use of this facility now appears inordinately difficult.

(2) When a single-path analysis comes to a dead end, determining which of the previous branching points was the cause of the failure poses serious problems.

(3) Owing to the lack of an effective method for distinguishing paths which have already been followed from those which have not, it has not been possible to try different paths in a systematic loop-free sequence.

A new method has been developed for extending the predictive approach by including effective and economical provisions for multiple analyses of syntactically ambiguous sentences. The prediction pool for this method is of variable size, consisting of one or more subpools, each of which contains a set of predictions corresponding to a path that may lead to an acceptable structure for the complete sentence. Each subpool is a pushdown store in the strict sense; that is, only the topmost prediction in each subpool is tested against the next word of the sentence.

After the (k-1)st word in a sentence has been processed, the prediction pool contains a subpool for each sentence structure compatible with the first (k-1) words. The topmost prediction of each subpool is then tested against all the homographs of the kth word. By a simple

process of grammar table look-up, each allowable combination of a prediction and a homograph is associated with new predictions which replace the topmost prediction of the appropriate subpool. Subpools for which no allowable combination exists are discarded. The subpools resulting from this process are used in turn for the processing of the (k+1)st word. After the processing of the last word of a sentence, only those subpools which have no predictions remaining are retained in the prediction pool. By tracing back the paths that have yielded those subpools, the alternative acceptable syntactic structures of the sentence are obtained.

## 2. Dictionary and Syntactic Word Classes

Each word of an input sentence is looked up in a dictionary and is coded for membership in all the syntactic word classes to which it belongs. For example, the input English sentence "THEY ARE FLYING PLANES." will be coded as shown in Table 1. The first three characters in the column for "CLASS CODE" are for syntactic word classes, the fourth character for the grammatical number representation (S for singular, P for plural, and C for singular-plural). Punctuation marks are treated like words in the ordinary sense.

## 3. Grammar Table

A grammar table is a rectangular array defining the grammatical matching function G of a language whose syntax is described in terms of a set of predictions P, a set of syntactic word classes S, and a set of

| ENGLISH WORD | CLASS CODE | COMMENTS (NOT STORED IN MACHINE) |
|---|---|---|
| THEY | PRNP | plural personal pronoun in the nominative case |
| ARE | BE1P | plural finite complete intransitive verb, as in "They are in the sky." (A prepositional phrase, according to the present grammar, is considered to be adverbial, and cannot fulfill the role of a complement or object of a verb.) |
|  | BE2P | plural finite copula, as in "They are students." and "They are good." |
|  | BE3P | plural finite auxiliary verb for the progressive form, passive voice, and be-to form, as in "They are coming.", "They are seen.", and "They are to come here." |
| FLYING | RI1 | present participle of complete intransitive verb, as in "They are flying to Boston.", "It is a flying plane." |
|  | RT1 | present participle of single-object transitive verb, as in "He is flying a plane." |
|  | GI1S | singular gerund of complete intransitive verb, as in "Flying is pleasant." |
|  | GT1S | singular gerund of single-object transitive verb, as in "Flying a plane is pleasant." |
| PLANES | NOUP | plural noun, as in "They are planes." |
|  | VI1S | singular finite complete intransitive verb, as in "The glider planes." |
|  | VT1S | singular finite single-object transitive verb, as in "He planes the surface of the board." |
| . | PRD | period as end of sentence punctuation |

Sample From an English Dictionary

TABLE 1

syntactic role indicators R. Each prediction stands for a certain syntactic structure recognized in the language. To each ordered argument pair $(P_i, S_j)$, G assigns a set, possibly empty, of ordered pairs

$$G(P_i, S_j) = \left\{ \left[ (p_1^1, p_1^2, \ldots, p_1^{m_1}), (r_1) \right], \left[ (p_2^1, p_2^2, \ldots, p_2^{m_2}), (r_2) \right], \ldots, \right.$$
$$\left. \left[ (p_q^1, p_q^2, \ldots, p_q^{m_q}), (r_q) \right] \right\},$$

where $p_k^\ell \in P$ and $r_k \in R$ $(k = 1, 2, \ldots, q; \quad \ell = 1, 2, \ldots, m)$. Each element of $G(P_i, S_j)$ corresponds to a set of structures that may follow when the syntactic structure represented by the given prediction $P_i$ is initiated by a word belonging to class $S_j$. Whenever $P_i$ and $S_j$ are grammatically incompatible, $G(P_i, S_j) = \phi$, the empty set. Each couple $\left[ (P_i, S_j), G(P_i, S_j) \right]$ in G is a _rule_ of the grammar. A rule subsumes as many _subrules_ as there are members of $G(P_i, S_j)$, each subrule being defined as a couple $\left[ (P_i, S_j), g_k(P_i, S_j) \right]$, where $g_k(P_i, S_j) \in G(P_i, S_j)$.[*]

In the present English grammar, the rule for $(P_i, S_j) = $ (SENTENCE, PRN) (PRN = personal pronoun in the nominative case) consists of the subrules shown in Table 2. The ordered set of predictions in $g_k(P_i, S_j)$ is a pushdown store in the exact sense; the prediction which is topmost in the pool is the first to be tested, and no inner prediction will ever be satisfied unless it becomes the topmost

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[*] This characterization of the grammatical matching function is due to Warren Plath.

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prediction. The column for "ENGLISH EXAMPLES" corresponds to the structures which refer to the predictions in the same line.

In practice, rules are stored sequentially in machine memory in the alphabetic order of their argument pairs, those pairs for which $G(P_i, S_j) = \Phi$ being omitted. The present experimental English grammar has approximately 2,100 subrules. It is so written that most of the English structures which appear or may appear in scientific papers can be recognized, from declarative sentences to interrogative and imperative ones, each with various kinds of nested structures.

## 4. Analysis of a Sentence

The procedure for analysing a sentence will be explained using "THEY ARE FLYING PLANES." as an example. At the beginning of the analysis of the sentence, the prediction of "SENTENCE" is stored in the prediction pool. The reason for making simply the prediction of "SENTENCE" instead of making the detailed predictions of "SUBJECT - PREDICATE HEAD - OBJECT", etc. as Sherry did,[5] or of NV[+] as Sager suggests doing[6] is to keep the predictions as general as possible until it becomes compulsory to make them specific, and thus to postpone the branching in syntactic analysis as far as possible.

Next, the prediction of "SENTENCE" is paired with the syntactic word class (PRN) of the first word ("THEY") to form an argument pair which, when looked up in the grammar table, yields the nine sets of predictions shown in Table 2. Due to "Number Agreement Information" in subrules 1, 2 and 5, the prediction of "PREDICATE" in these subrules is

| $(P_i, S_j)$ ARGUMENT PAIR | $(r_k)$ SYNTACTIC ROLE INDICATOR | $g_k(P_i, S_j)$ NEW PREDICTIONS | ENGLISH EXAMPLES (NOT STORED IN MACHINE) | NUMBER AGREEMENT INFORMATION |
|---|---|---|---|---|
| (SENTENCE,PRN)-1 | SUBJECT OF PREDICATE VERB | PREDICATE<br>PERIOD | THEY<br>GO<br>. | NUMBER AGR BETWEEN PRN AND PREDICATE |
| (SENTENCE,PRN)-2 | SUBJECT OF PREDICATE VERB | ADJECTIVE CLAUSE<br>PREDICATE<br>PERIOD | WE<br>WHO ARE READY TO DIE<br>SALUTE YOU<br>. | NUMBER AGR BETWEEN PRN AND PREDICATE |
| (SENTENCE,PRN)-3 | SUBJECT OF PREDICATE VERB | (A) AND (B)<br>NOUN SUBJECT<br>PREDICATE<br>PERIOD | THEY<br>AND<br>JOHN<br>CAME<br>. | |
| (SENTENCE,PRN)-4 | SUBJECT OF PREDICATE VERB | COMMA<br>NOUN SUBJECT<br>(A,B,) AND (C)<br>NOUN SUBJECT<br>PREDICATE<br>PERIOD | THEY<br>,<br>JOHN<br>AND<br>MARY<br>CAME<br>. | |
| (SENTENCE,PRN)-5 | SUBJECT OF PREDICATE VERB | COMMA<br>SUBJECT<br>COMMA<br>PREDICATE<br>PERIOD | WE<br>,<br>THE AMERICANS<br>,<br>LOVE PEACE<br>. | NUMBER AGR BETWEEN PRN AND PREDICATE |
| (SENTENCE,PRN)-6 | SUBJECT OF PARTICIPIAL PHRASE | PARTICIPLE<br>COMMA<br>SENTENCE | THEY<br>HAVING DONE THE RIGHT THING<br>,<br>WE TRUST THEM. | |
| (SENTENCE,PRN)-7 | SUBJECT OF PARTICIPIAL PHRASE | (A) AND (B)<br>NOUN SUBJECT<br>PARTICIPLE<br>COMMA<br>SENTENCE | THEY<br>AND<br>JOHN<br>HAVING DONE THE RIGHT THING<br>,<br>WE TRUST THEM. | |
| (SENTENCE,PRN)-8 | SUBJECT OF PARTICIPIAL PHRASE | COMMA<br>NOUN SUBJECT<br>(A,B,) AND (C)<br>NOUN SUBJECT<br>PARTICIPLE<br>COMMA<br>SENTENCE | THEY<br>,<br>JOHN<br>AND<br>MARY<br>HAVING DONE THE RIGHT THING<br>,<br>WE TRUST THEM. | |
| (SENTENCE,PRN)-9 | SUBJECT OF PARTICIPIAL PHRASE | COMMA<br>SUBJECT<br>COMMA<br>PARTICIPLE<br>COMMA<br>SENTENCE | THEY<br>,<br>THE RUSSIANS<br>,<br>HAVING SAID NO<br>,<br>WE TOOK A DECISIVE STEP. | |

The Subrules of G(SENTENCE, PRN)

TABLE 2

suffixed so that it can only accept a finite verb of the same number as the word class in the argument pair: the fourth character of the word class code for "THEY" denotes that it is to be followed by a plural verb.

The nine sets of new predictions given by the grammar table then replace the initial prediction of "SENTENCE". The prediction pool now contains nine subpools each of which corresponds to a different way, recognized by the present grammar, of terminating the sentence initiated by PRN.

The analysis proceeds to the second word, and the three syntactic word classes assigned to "ARE" are coupled with the topmost prediction of each of these nine subpools in the prediction pool. The resulting argument pairs are all the possible combinations of the word classes BE1, BE2 and BE3 with the predictions PREDICATE, ADJECTIVE CLAUSE, (A) AND (B), COMMA, COMMA, PARTICIPLE, (A) AND (B), COMMA and COMMA.

Each of these 27 argument pairs is looked up in the grammar table, but only (PREDICATE, BE1), (PREDICATE, BE2) and (PREDICATE, BE3) yield nonempty $G(P_i, S_j)$. All the subpools stored in the prediction pool - except that with "PREDICATE" as the topmost prediction - are discarded, since the predictions in them cannot be fulfilled by the sentence in question.

The subrules for (PREDICATE, BE1), (PREDICATE, BE2) and (PREDICATE, BE3) are shown in Table 3. Now, the new predictions given by these grammar subrules replace the topmost prediction (PREDICATE)

| $(P_i, S_j)$ ARGUMENT PAIR | $(r_k)$ SYNTACTIC ROLE INDICATOR | $q_k(P_i, S_j)$ NEW PREDICTIONS | ENGLISH EXAMPLES (NOT STORED IN MACHINE) | NUMBER AGREEMENT INFORMATION |
|---|---|---|---|---|
| (PREDICATE,BE1)-1 | PREDICATE | ADVERB AFTER BE1 | • THE MAN IS AT HOME | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE1)-2 | PREDICATE | ADVERB AFTER BE1 COMMA,AND,OR PREDICATE | • THE MAN IS AT HOME AND IS STUDYING | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-1 | PREDICATE | ADJECTIVE | • THE MAN IS KIND | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-2 | PREDICATE | NOUN COMPLEMENT | • THE MAN IS AN OPTIMIST | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-3 | PREDICATE | NOUN CLAUSE | • THE FACT IS THAT HE IS ILL | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-4 | PREDICATE | DECLARATV CLAUSE | • THE FACT IS WINTER HAS COME | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-5 | PREDICATE | ADJECTIVE COMMA,AND,OR PREDICATE | • THE BOOK IS AVAILABLE AND NEW | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE2)-6 | PREDICATE | NOUN COMPLEMENT COMMA,AND,OR PREDICATE | • KENNEDY IS PRESIDENT AND IS GOVERNING | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE3)-1 | PREDICATE | PARTICIPLE | • THE MAN IS SWIMMING | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE3)-2 | PREDICATE | TO-INFINITIVE | • THE MAN IS TO DIE TOMORROW | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE3)-3 | PREDICATE | PARTICIPLE COMMA,AND,OR PREDICATE | • THE MAN IS SWIMMING BUT IS DROWNING | NUMBER AGR TO BE TESTED |
| (PREDICATE,BE3)-4 | PREDICATE | TO-INFINITIVE COMMA,AND,OR PREDICATE | • THE MAN IS TO DIE AND IS PRAYING | NUMBER AGR TO BE TESTED |

The Subrules of G(PREDICATE, BE1)

TABLE 3

of the subpool which originally contained ☐PERIOD☐PREDICATE.* Twelve
new subpools, all of which have the prediction of "PERIOD" as the
bottom prediction, are generated and stored in the prediction pool.
These subpools in turn are used for the processing of the next word,
"FLYING", and so on.

The current grammar yields three analyses for "THEY ARE FLYING
PLANES.". The first (Table 4) shows the syntactic structure of the
sentence applicable when "THEY" refers to planes. The third shows the
syntactic structure of the sentence acceptable when "THEY" refers to
people. Analysis No. 02 is semantically absurd, but it reflects the
structure of a sentence such as "The facts are smoking kills.", which
is not semantically absurd. The same three analyses would be obtained
for "The facts are smoking kills.", but only one would be semantically
correct for this sentence.

The analyses obtained for "THEY ARE FLYING PLANES." can be
limited to the two syntactically and semantically acceptable ones
simply by deleting the subrule pertaining to

$$g_4(\text{PREDICATE}, \text{BE2}) = \boxed{\text{DECLARATIVE CLAUSE.}}$$

However, the semantically correct analysis of "The facts are smoking
kills." would thereby be lost, leaving only two unacceptable analyses.
The easy way out of this particular dilemma would be to rule out "The

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*This notation will be used to indicate that the left-side prediction
is the bottom prediction in a grammar subrule or in a prediction
subpool when more than one prediction are involved.

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ANALYSIS NO. 001 OF SENTENCE NO. 000001      ACCORDING TO ENGLISH GRAMMAR NO. 6

| ENGLISH | SENTENCE STRUCTURE | SMC | SYNTACTIC ROLE | RL NUM PREDICTION |
|---|---|---|---|---|
| | | | | SL |
| THEY | IS | PERSONAL PRN NON | SUBJECT OF PREDICATE VERB | SEPRN0 PU VPA |
| ARE | IV | BE2-COPULA | PREDICATE VERB | VXBE2R PU V3A |
| FLYING | ICA | PRESNT P OF VII | COMPLEMENT OF PREDICATE V | N3RII0 PT I6A |
| PLANES | IC | NOUN 1 | COMPLEMENT OF PREDICATE V | NGNRN0 PU |
| . | I. | PERIOD | END OF SENTENCE | POPRD0 |

ANALYSIS NO. 002 OF SENTENCE NO. 000001      ACCORDING TO ENGLISH GRAMMAR NO. 6

| ENGLISH | SENTENCE STRUCTURE | SMC | SYNTACTIC ROLE | RL NUM PREDICTION |
|---|---|---|---|---|
| | | | | SE |
| THEY | IS | PERSONAL PRN NON | SUBJECT OF PREDICATE VERB | SEPRN1 PD VPA |
| ARE | IV | BE2-COPULA | PREDICATE VERB | VXBE23 PU SGE |
| FLYING | I6SG | GERUND OF VII | GERUND-SUBJECT | SG6II0 PD VSE |
| PLANES | I6V | COMPLETE VI | PREDICATE VERB | VXVII0 PU |
| . | I. | PERIOD | END OF SENTENCE | POPRD0 |

ANALYSIS NO. 003 OF SENTENCE NO. 000001      ACCORDING TO ENGLISH GRAMMAR NO. 6

| ENGLISH | SENTENCE STRUCTURE | SMC | SYNTACTIC ROLE | RL NUM PREDICTION |
|---|---|---|---|---|
| | | | | SE |
| THEY | IS | PERSONAL PRN NON | SUBJECT OF PREDICATE VERB | SEPRN0 PD VPA |
| ARE | IVX | PE3-AUXILIARY | PREDICATE VERB | VXBE30 PD PAA |
| FLYING | IV | PRESNT P OF VTI | PREDICATE VERB | PARTI0 PU N2A |
| PLANES | IO | NOUN 1 | OBJECT OF PREDICATE VERB | N2NRN0 PC |
| . | I. | PERIOD | END OF SENTENCE | POPRD0 |

000000 POOL OVERFLOWS, 000000 NUMBER TEST FAILURES, 000000 SNAPER OVERFLOWS,000000 NESTER OVERFLOWS, CLOCK TIME 0000.0 MINS.

Analysis Output of "THEY ARE FLYING PLANES."

TABLE 4

facts are smoking kills." as ill-formed and accept only "The facts are: smoking kills.". The problem is, however, a more general one, whose solution must be sought, not within the presently defined precincts of syntax, but on the border line of the grammatical and the nongrammatical as well as beyond, in the shadowy realm of semantics. A set of multiple analyses provides, for the first time, a firm base from which to start such an exploration.

The same grammar produced two analyses for "IT HAS ALREADY BEEN MENTIONED THAT A RESPONSE MAY BE LEARNED BY THE MACHINE IF ENCOURAGED BY THE EXPERIMENTER.". Analysis No. 01 (Table 5) shows the structure of the sentence in which "IT" is a "temporary" subject without normal pronominal reference and in which "THAT" introduces the "real" subject noun clause. This analysis corresponds to the way in which the sentence is generally understood. Analysis No. 02 (Table 6) shows the structure of the sentence in which "THAT" introduces an adverbial clause, with "IT" referring to something mentioned before. The syntactic structure reflected in this analysis corresponds to the structure of such semantically similar but more normal expressions as "It has already been mentioned (so) that a response may be learned by the machine..." or, more precisely, "It has already been mentioned lest a response may inadvertently be learned by the machine...".

The second analysis is due to subrules pertaining to adverbial "that"-clauses as in "We eat that we may live." or "It has been kept polished that it may glitter forever.". One solution is to keep the syntactic classification of words simple and the grammar rules general,

| ANALYSIS NO. 001 OF SENTENCE NO.  G 015 | | | ACCORDING TO ENGLISH GRAMMAR NO. 6 | | |
|---|---|---|---|---|---|
| ENGLISH | SENTENCE STRUCTURE | SMC | SYNTACTIC ROLE | RL NUM PREDICTION | |
| IT | 1S | TEMPORARY SBJECT | TEMPORARY SUBJECT | SETIV2 | PD 3CCVSA SE |
| HAS | 1VX | HAVE3-TENSE AUX | PREDICATE VERB | VXMAV0 | PD 4FCMFA |
| ALREADY | 1VXD | ADVERB 1 | ADVERB | PFAVIU | PC 4FCMFA |
| BEEN | 1VX | PAST P OF BE3 | PREDICATE VERB | PFBP30 | PC NECPAA |
| MENTIONED | 1V | PAST P OF VTI | PREDICATE VERB | PAPTIU | PC NECPAA |
| THAT | 14R | NOUN CONJUNCTION | CONJUNCTION | NEGUIJ | PC NEL |
| A | 14SA | PRO-ADJECTIVe | SUBJECT OF PREDICATE VERB | SGAAAU | PC VVC4CA |
| RESPONSE | 14S | NOUN 1 | SUBJECT OF PREDICATE VERB | 4XMMMO | PC VVC |
| MAY | 14VX | AUXILIARY VERB | PREDICATE VERB | VXAUE3 | PC NVA |
| BE | 14VX | INFINITE BE3 | PREDICATE VERB | BVBI3U | PC PAA |
| LEARNED | 14V | PAST P OF VTI | PREDICATE VERB | PAPTIO | PC PAA |
| BY | 14VPR | PREPOSITION | PREPOSITION | PDPREO | PD |
| THE | 14VPOA | PRO-ADJECTIVE | OBJECT OF PREPOSITION | NOAAA0 | PC 4OG |
| MACHINE | 14VPO | NOUN 1 | OBJECT OF PREPOSITION | NSMMM0 | PC VSG |
| IF | 14VPBR | ADVERB CONJ IF | CONJUNCTION | PGCIFI | PC |
| ENCOURAGEC | 14VPBV | PAST P OF VTI | PREDICATE VERB | PAPTIO | PC PAA |
| BY | 14VPBVPR | PREPOSITION | PREPOSITION | PDPREO | PC |
| THE | 14VPBVPOA | PRO-ADJECTIVE | OBJECT OF PREPOSITION | NOAAA0 | PC 4OG |
| EXPERIMENTER | 14VPBVPC | NOUN 1 | OBJECT OF PREPOSITION | ESMMM0 | PC XSG |
| . | 1. | PERIOD | END OF SENTENCE | PDPROO | PC |

Analysis No. 1 of "IT HAS ALREADY BEEN MENTIONED..."

TABLE 5

ANALYSIS NO. 002 OF SENTENCE NO. G 015      ACCORDING TO ENGLISH GRAMMAR NO. 6

| ENGLISH | SENTENCE STRUCTURE | SMC | SYNTACTIC ROLE | RL NUM | PREDICTION |
|---|---|---|---|---|---|
| | | | | | SE |
| IT | 1S | PERSONAL PCN NOM | SUBJECT OF PREDICATE VERB | SEPRNO | PD VSA |
| HAS | 1VX | HAVE3-TENSE AUX | PREDICATE VERB | VXHAVO | PD PFA |
| ALREADY | 1VXD | ADVERB 1 | ADVERB | PFAV10 | PD PFA |
| BEEN | 1VX | PAST P OF BE3 | PREDICATE VERB | PFBP30 | PC PAA |
| MENTIONED | 1V | PAST P OF VTI | PREDICATE VERB | PAPT10 | PD |
| THAT | 1VBR | ADVERB CONJ 2 | CONJUNCTION | PCCC01 | PD |
| A | 1VBSA | PRO-ADJECTIVE | SUBJECT OF PREDICATE VERB | SGAAAO | PD SGG |
| RESPONSE | 1VBS | NOUN 1 | SUBJECT OF PREDICATE VERB | 4JGNNNO | PD VSGAZA |
| MAY | 1VBVX | AUXILIARY VERB | PREDICATE VERB | VXAUXO | PD VSG |
| BE | 1VBVX | INFINITE BE3 | PREDICATE VERB | BVB130 | PD BVA |
| LEARNED | 1VBV | PAST P OF VTI | PREDICATE VERB | PAPT10 | PD PAA |
| BY | 1VBVPR | PREPOSITION | PREPOSITION | PDPREO | PD |
| THE | 1VBVPOA | PRO-ADJECTIVE | OBJECT OF PREPOSITION | NOAAAO | PC NOG |
| MACHINE | 1VBVPO | NOUN 1 | OBJECT OF PREPOSITION | NSHNNO | PD NSG |
| IF | 1VBVPBR | ADVERB CONJ IF | CONJUNCTION | PCIF1 | PD |
| ENCOURAGED | 1VBVPBV | PAST P OF VTI | PREDICATE VERB | PAPT10 | PD PAA |
| BY | 1VBVPBVPR | PREPOSITION | PREPOSITION | PDPREO | PD |
| THE | 1VBVPBVPOA | PRO-ADJECTIVE | OBJECT OF PREPOSITION | NOAAAO | PD NOG |
| EXPERIMENTER | 1VBVPBVPO | NOUN 1 | OBJECT OF PREPOSITION | NSHNNO | PD NSG |
| . | 1. | PERIOD | END OF SENTENCE | PDPRDO | PD |

000000 POOL OVERFLOWS, 000000 NUMBER TEST FAILURES, 001706 SHAPER OVERFLOWS,000000 NESTER OVERFLOWS, CLOCK TIME 0000.5 MINS.

Analysis No. 2 of "IT HAS ALREADY BEEN MENTIONED..."

TABLE 6

and to tolerate getting Analysis No. 02 for "It has already been mentioned that a response may be learned..." and Analysis No. 01 for "It has been kept polished that it may glitter forever.". Another approach is to make the syntactic classification of words more detailed and the grammar rules more complicated so that a "real" subject noun clause introduced by "that" is admitted only when it is preceded by "it" plus special verbs and adjectives ("It is known that the number is greater than zero."; "It is clear that there is no solution to the question ") and so that an adverbial clause introduced by "that" is admitted only in other cases. Further theoretical and empirical studies are necessary to determine which choice to make for any given purpose.

The column headed "PREDICTION" in Tables 4, 5 and 6 shows the history of prediction subpools. Each English word is connected to a pair of prediction subpools which appear above and below the line for the word. The above subpool shows the status before the processing of the word; the below one, the status after the processing. Whenever "PD" (PERIOD prediction) appears alone in that column, the word in the preceding line is the last of a well-formed substring of the sentence. Thus the sentence could have been terminated with a period in any position marked by a slash: "IT HAS ALREADY BEEN MENTIONED / THAT A RESPONSE MAY BE LEARNED / BY THE MACHINE / IF ENCOURAGED / BY THE EXPERIMENTER.".

The column headed "SENTENCE STRUCTURE" in Tables 4, 5 and 6 shows the sentence structure diagram automatically given by the diagramming subroutine of the present English analyzer. It consists of a string of characters corresponding to each word of the input sentence. Each character in these strings stands for a syntactic role: "S" is for "subject," "V" is for "verb", etc. The ordering of characters within the string indicates the

dependency of the syntactic roles on one another from right to left. Thus, a structure code of "1CA" for "FLYING" in Analysis No. 1 of Table 4 indicates that "FLYING" is an attributive ("A") which modifies a complement ("C") of a declarative sentence ("1"). In other words, "FLYING" as an attributive, is nested within a complement which is nested within a declarative sentence. The number of characters in the string for a given word corresponds to the depth of nesting of that word. The sentence structure characters are equivalent to but more economical of space than an explicit tree diagram of the sentence structure.

The set of structure codes for a given analysis of a sentence, when looked at vertically, shows basic syntactic patterns at different depths of nesting. All the three analyses for "THEY ARE FLYING PLANES." have a node for a declarative sentence ("1") as the highest order nest of the sentence. Analysis No. 1 has the basic pattern of "S" (subject) - "V" (verb) - "C" (complement) - "." (period) as the second order nests, Analysis No. 3 has "S" (subject) - "V" (verb) - "O" (object) - "." (period), while Analysis No. 2 has "S" (subject) - "V" (verb) - "6" (complement clause) - "." (period). In the second analysis, a gerund ("G") which constitutes a subject ("S") by itself is nested within a complement clause ("6") together with a verb ("V"), forming a basic syntactic pattern of "S" (subject) - "V" (verb) as the third order nests.

The diagramming routine makes some assumptions as to the determination of the dependencies of certain structures upon higher-

level structures. The validity of the assumptions has not yet been examined in detail. In some cases, the diagramming routine gives less detailed information than the prediction pool histories shown in the column "PREDICTION". The concepts of basic syntactic roles and of their dependencies represented in these diagrams are also still experimental, and a different diagram can be obtained for a different concept of how sentence structures should be represented.

## 5. Program

The analysis program for an IBM 7090 was written to follow only one path at a time so that all data transfers and table references required in the course of analysis might be effected entirely within core memory (32,000 words).

A path is determined in part by the choice of a single homograph $S_{\beta_k}$ for each word position k, $k = 1,2,...,n$, where n is the number of words in a sentence. If the kth position has $a_k$ homographs

$$S_{\beta_k}, \quad \beta_k = 1,2,...,a_k,$$

then the total number of distinct selections is

$$N = \prod_{k=1}^{n} a_k.$$

These N selections are effectively enumerated by means of a variable radix representation in which the kth digit $\beta_k$ is initially set to 1 for all k; then $\beta_n$ is incremented by unity until $\beta_n = a_n+1$, following

which $\beta_n$ is reset to 1 and $\beta_{n-1}$ is incremented by a unit carry, and so on in the usual way until

$$\beta_k = \alpha_k \text{ for all } k.$$

Let $p_k$ be a subpool in the prediction pool following the analysis of the kth word, and $P_{1k}$ the topmost prediction in $p_k$. The number of paths from word k to the homograph $S_{\beta_{k+1}}$ due to $p_k$ is then equal to the number $\gamma_k$ of subrules

$$\left[(P_{1k}, S_{\beta_{k+1}}), \; g_{\ell_k}(P_{1k}, S_{\beta_{k+1}})\right], \quad \ell_k = 1, \ldots, \gamma_k.$$

A single path from k to k+1 is thus determined by fixing $\beta_{k+1}$ and $\ell_k$. When

$$g_{\ell_k}(P_{1k}, S_{\beta_{k+1}})$$

replaces $P_{1k}$ at the top of $p_k$, a new subpool $p_{k+1}$ and a corresponding $P_{1,k+1}$ are obtained, and the single path may, if possible, be extended to k+2.

The extension will not be possible if either k+2 = n+1 or

$$G(P_{1,k+1}, S_{\beta_{k+2}}) = \oint.$$

In the former case, a path has been found through the sentence which, if $p_{k+1}$ is empty, corresponds to an acceptable analysis. In the latter case, the path has no continuation to and through $S_{\beta_{k+2}}$, hence $\beta_{k+2}$ is incremented (see Table 7). If

$$\beta_{k+2} + 1 = \alpha_{k+2} + 1,$$
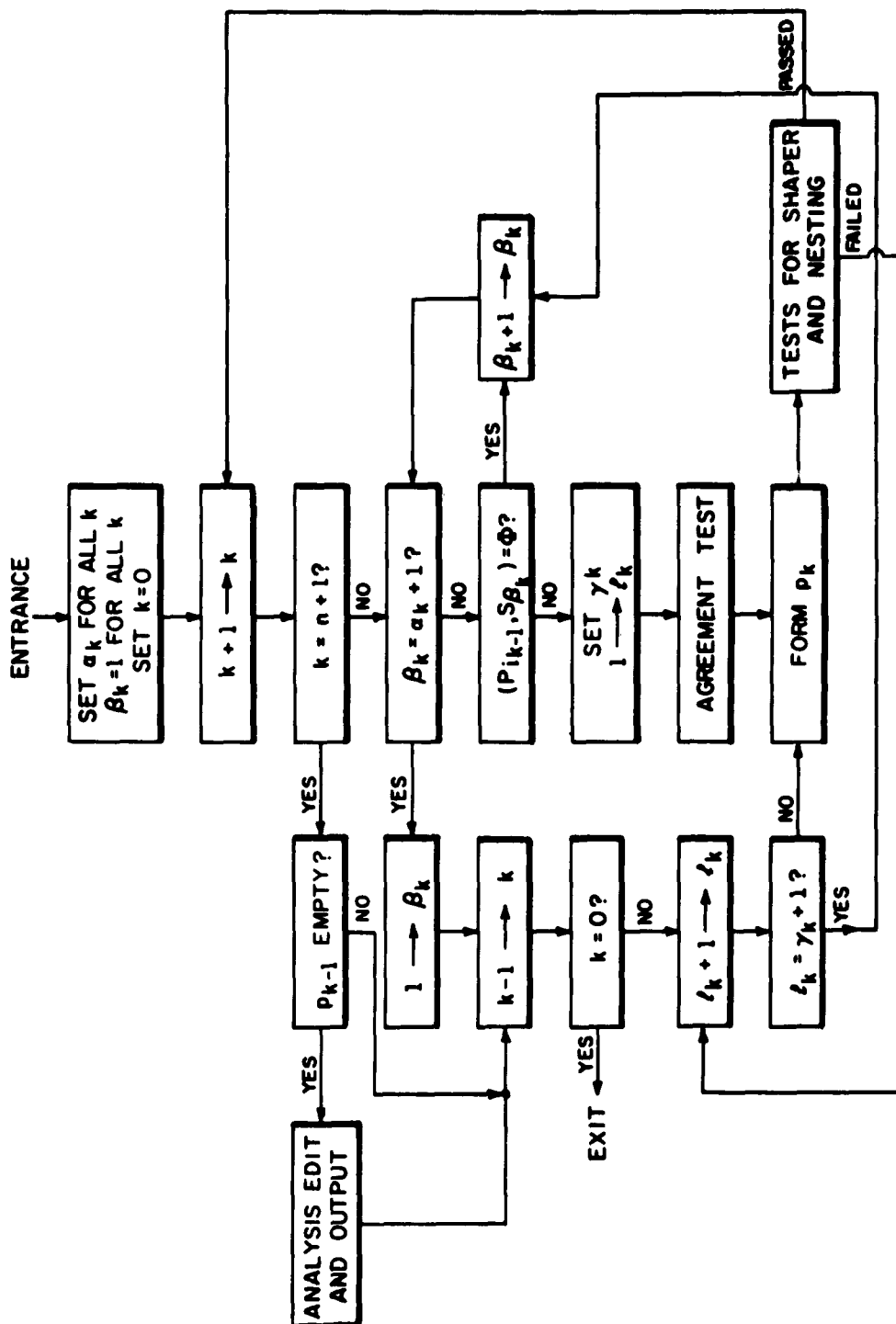
Flowchart of Analysis Program

TABLE 7

extension of the path from k to k+1 on to k+2 is ruled out completely; hence a new path from k to k+1, determined by $\ell_k+1$, is tried; $\beta_{k+2}$ is reset to 1. Similarly, if k+2 = n+1, the path from k to k+1 determined by $\ell_k+1$ is checked. In either case, when $\ell_k+1 = \gamma_k+1$, the paths from k to $S_{\beta_{k+1}}$ have been exhausted, $\beta_{k+1}$ is incremented, a new $\gamma_k$ is provided, and $\ell_k$ is reset to 1. If $\beta_{k+1}+1 = \alpha_{k+1}+1$, then $\beta_{k+1}$ is set to 1 and a new path from k-1 to k is tried, providing a new $P_{1k}$. The process is terminated when $\ell_k = \gamma_k$, and $\beta_k = \alpha_k$ for all k.

Thus, branchings caused by homography (membership of a given word form in more than one syntactic word class) and by multiple functions of a given word class (more than one subrule in a grammar rule) are followed in a systematic loop-free sequence in which any given partial path is never followed more than once. The amount of core storage required in the course of analyzing a sentence is proportional to n.

## 6. Minimizing the Number of Paths to be Followed

It was originally feared that the number of different paths to be taken, and hence the processing time, would grow exponentially with n, making the method impractical. The programming technique of Part 5 has, however, proved to be a very effective means of discarding irrelevant paths: if no path is open to $S_{\beta_k}$ because

$$G(P_{i,k-1}, S_{\beta_k}) = \Phi \, ,$$

then at least

$$\prod_{k+1}^{n} a_i$$

path continuations are eliminated at one stroke.

Several other techniques have been developed that eliminate additional irrelevant paths without destroying any paths which may yield acceptable analyses.

(a) Shaper: All the predictions stored in a subpool at any stage of the analysis must be fulfilled eventually if the subpool is to be empty after a homograph of the final word has been processed. Hence, if the sum over all predictions in a subpool of the minimum number of words necessary to fulfill each prediction ever becomes greater than the number of words remaining to be processed, the subpool can never be properly emptied. The corresponding path can therefore be abandoned at once. For example, although PRN at the beginning of a sentence potentially opens the nine paths corresponding to the nine sub-rules in Table 2, only the four paths generated by $g_1$, $g_2$, $g_3$, and $g_6$ need be followed for "THEY ARE FLYING PLANES.". This technique, embodied in the present program, is most effective as the analysis approaches the end of a sentence.*

(b) Nesting: The number of predictions in a subpool at any stage of the analysis of a sentence shows the number of nested structures[5]

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*The use of a shaper was proposed by William Bossert and David Isenberg.

which are to follow to complete the sentence. It is expected that there will be a finite and small maximum number of nested structures within well-formed sentences found in natural habitats. This maximum number must be derived empirically. At any stage of the analysis, a path with a subpool containing more predictions than the maximum number can be discarded on the assumption that it predicts a depth of nesting rarely if ever reached by well-formed sentences.

(c) <u>Dropping of Predictions</u>: In order to identify the syntactic role played by a connective and to associate properly the second component of a compound structure to the first one, it is necessary to follow two branches in the analysis procedure when a structure which can be compound is opened by a single component. One branch is for the case in which the component entirely satisfies the structure with no other component following. The other branch is for the case in which the second component of the structure is expected. This is why (PREDICATE, BE1), for example, has two subrules in the grammar table (Table 3): $g_1$ for the simple structure, $g_2$ for the compound one. For the processing of the homographs for the next word, the same two sets of argument pairs are formed with the prediction of "ADVERB AFTER BE1" of $g_1$ and with that of $g_2$, causing a repetition of the table lookup with the same argument pairs. Usually the two branches thus opened are followed in parallel until one or the other is terminated by the absence or presence of a connective in the sentence. Quite often such parallel paths which are opened near the beginning of a sentence are retained until close to the end of the sentence. The

effect of these parallel paths is quite serious because the number of paths to be followed increases exponentially with the number of branching points for simple and compound structures.

A technique has been devised in order to avoid following parallel paths which differ only in the predictions of a connective and a second member of a compound structure. The rule for (PREDICATE, BE1) now consists of a single subrule which has an ordered set of predictions of

| PREDICATE | COMMA,AND,OR (DROP) | ADVERB AFTER BE1 |

The prediction of "COMMA,AND,OR (DROP)" is droppable together with the immediately following prediction of "PREDICATE". A single path is followed, as far as possible, for the compound structure. If there is actually a connective in a succeeding word position of the sentence, and if the prediction of "COMMA,AND,OR (DROP)" happens to be the topmost prediction in the prediction pool, the connective can satisfy the prediction as one possibility. On the other hand, when all the homographs for the kth word have been tested and before $\ell_{k-1}$ is incremented by unity to deal with the next subrule, the test is made as to whether the topmost prediction is a droppable one or not. If it is not droppable, the normal analysis procedure is followed as was explained in Part 5. If it is a droppable one, the pair of predictions is dropped as if a simple structure had been predicted from the beginning, and the third prediction from the top becomes the new topmost prediction. In this way not only the duplicate table lookup can be avoided, but also the number of paths to be followed can be greatly reduced. A pair of droppable predictions in the prediction pool does not enter the tests for the shaper and nesting.

The tests for the shaper and nesting are performed before forming a new prediction pool by adding a new set of predictions given by the grammar subrule. If both of the tests are passed, "Form $p_k$" in Table 7 is the next path to be followed. If either one of the tests fails, "$\ell_k+1 \longrightarrow \ell_k$" is followed. The test for a pair of droppable predictions against the topmost prediction in the prediction subpool is performed immediately following "$1 \longrightarrow \beta_k$" and preceding "$k-1 \longrightarrow k$" in Table 7. If the topmost prediction is the first of a pair of droppable predictions, the third prediction from the top is used to form the argument pair; the next path to be followed is "$(P_{1k-1}, S_{\beta_k}) = \bar{\Phi}?$". Otherwise, "$k-1 \longrightarrow k$" is followed.

Table 8* illustrates the processing of the sample sentence "THEY ARE FLYING PLANES." by the system. The words of the sentence are shown at the top of the table, numbered in ascending order. Immediately below each word is the set of syntactic word classes assigned by the dictionary.

The analysis process is illustrated below the long horizontal line. Within the vertical boxes below each word, the word's set of syntactic classes are shown, repeated as many times as the number of prediction subpools active at the point of the processing of the word in question. After the kth rectangle, the set of prediction subpools which are to be used for the processing of the (k+1)st word appears. A subpool which is followed by a line leading to a circle is a subpool

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*This graphic representation of the analysis procedure is due to Paul Jones.
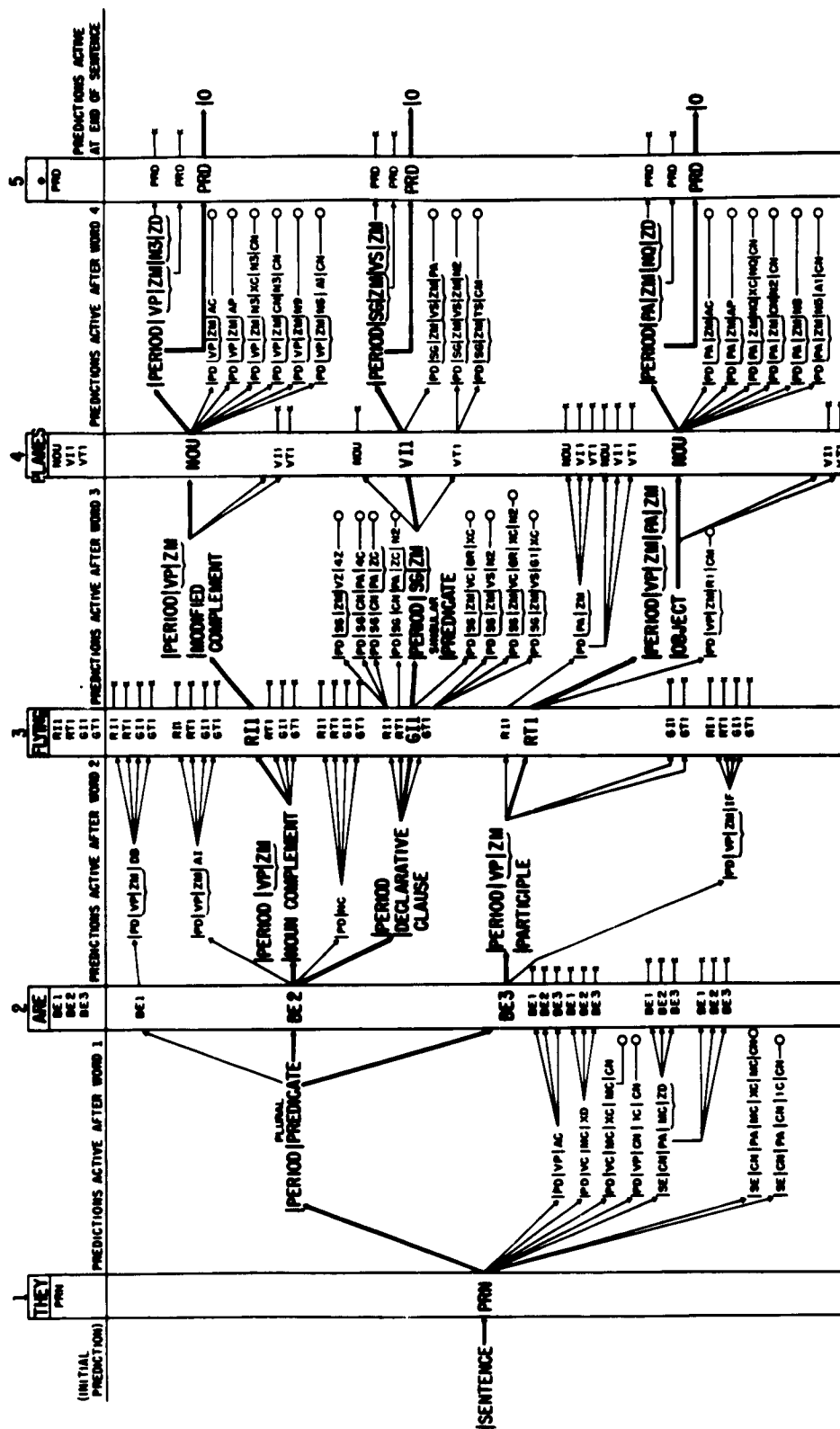
History of the Analysis of "THEY ARE FLYING PLANES."

TABLE 8

which is discarded due to the shaper test. A subpool which is followed
by a line leading to a cross through a word class code is a subpool which
is discarded due to the absence of the argument for the topmost prediction
and the word class in the grammar table. A pair of predictions bound
by a bracket are the droppable predictions. Whenever such droppable
predictions appear on top of a prediction subpool, an additional line is
initiated from the third prediction from the top leading to a homograph
for the next word. The three paths taken for the three legitimate
analyses of this sentence are represented by bold lines connecting
prediction subpools and word class codes printed also in bold characters.

## 7. Running Time

The analysis of "THEY ARE FLYING PLANES." on an IBM 7090 took
less than one second. The analysis of "IT HAS ALREADY BEEN MENTIONED
THAT A RESPONSE MAY BE LEARNED BY THE MACHINE IF ENCOURAGED BY THE
EXPERIMENTER." took approximately 0.5 minutes. 1.2 minutes were
needed for the analysis of the 23-word sentence: "THE U.S. HAS
REACHED A MOMENTOUS POINT OF DECISION IN A PROJECT THAT ONLY A FEW
YEARS AGO WOULD HAVE SEEMED IMPROBABLE.", for which four legitimate
analyses were obtained by the present system.

The time necessary for the analysis of a sentence is not
directly proportional to the length of the sentence, since it
strongly depends on the nature of the sequence of homograph sets that
are assigned to the words in the sentence.

Various more powerful and efficient programming techniques for the analyser are now being implemented. It is expected that a considerable reduction of the processing time over that required by the present experimental program will be obtained in the near future.

## 8. Conclusion

A program for multiple-path syntactic analysis of English has been written for both the Univac I and the IBM 7090 and tested on a variety of sentences. Experiments so far have yielded satisfactory results, and have given hints as to what should be done toward improving the definitions of word classes and of grammar rules and toward further reducing running time.

The application of the system to the analysis of Russian is now being tested also on an IBM 7090, and it is expected that the basic principles of the method offer a convenient framework for the development of more powerful syntactic analysers for both English and Russian. Since arbitrary sets of homographs can be assigned to one or more word positions, the system is also an experimental tool for the study of distributional and generative grammars.

## Acknowledgment

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## II.  THE CURRENT GRAMMAR FOR THE MULTIPLE-PATH ENGLISH ANALYZER

Susumu Kuno

### 1.  Introduction

The current grammar for the multiple-path syntactic analyzer is described and listed in full.  Brief explanations of the format of the grammar and of the various symbols used in conjunction with it are given in the succeeding section, in order to help readers to understand the grammar.  The full details of the system which utilizes this grammar and an evaluation of its performance to date are to be given in the forthcoming Mathematical Linguistics and Automatic Translation, Rpt. No. NSF-9.

The English Grammar No. 1, which was compiled for the first experiment on Univac I in the summer of 1961, included some 1,700 subrules, with 56 distinct predictions and 105 distinct word classes.  The English Grammar No. 6, which is the current version, consists of approximately 2,100 subrules, with 82 distinct predictions and 133 distinct word classes.

Compilation of the first grammar was begun by devising a set of rules pertaining to the "SENTENCE" prediction and the syntactic word classes provisionally recognized on the basis of parts of speech which are widely accepted in English.  All the syntactic word classes that can appear at the beginning of a sentence were studied.  Structures which are expected to follow such word classes gave rise to newly recognized predictions.  A syntactic word class found to generate a set of predictions, some of which were valid for some members of the set but not for others,

was partitioned into two or more new syntactic word classes. After the "SENTENCE" prediction was exhaustively combined with all the word classes, a list of predictions so far recognized was obtained together with a list of syntactic word classes so far needed. With each such prediction, all the word classes were combined and the sets of expected structures were studied. Some combinations needed predictions which had not been included in the prediction list; some such new predictions needed word classes which had not been included in the word class list. The first grammar was ready when all the allowable combinations of predictions and syntactic word classes were exhaustively formulated.

The grammar was then expanded on the basis of a series of experimental analyses of English test sentences. In the earlier stage of experimentation the expansion was mainly due to a desire to enlarge the scope of the grammatical structures recognizable by the system, or due to attempts to refine the quality of analysis. In the later stage expansion arose mainly from attempts to delete semantically unacceptable analyses out of sets of multiple analyses of test sentences.

At the beginning, the ratio of expansion between successive versions was extremely acute, sometimes almost doubling the size of the grammar. Later, the grammar was greatly condensed through the use of techniques for extracting features common to several similar word classes (see Part 5) and for dropping pairs of predictions which may or may not be fulfilled in the course of analysis (see Part 4).*

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* The 2,100 subrules in the current grammar correspond to some 3,400 subrules which would be needed but for these two techniques.

At present, it seems that the size of the grammar has more or less stabilized, at least so far as the demands of syntactic analysis are concerned. The probable effect of future attempts to reduce ambiguity through the introduction of features currently viewed as "semantic" cannot yet be accurately assumed.

## 2. Scope of the Grammar

The current grammar was written in an attempt to account for all the structures which occur or may occur in scientific papers; no attempt was made to restrict the scope of the grammar to a small number of structures which appear in any particular small-test corpus.

Whether or not a given structure should be regarded as well-formed is sometimes open to discussion. Since the criterion of grammaticalness differs from person to person, from category to category of corpora (e.g., literary, scientific, and colloquial corpora), and since it may also legitimately depend on the application to be made of analyzed texts, no clear-cut line can be drawn between well-formed and ill-formed structures. A given structure was included in the grammar when it was thought that the structure might appear in scientific papers. The grammar is so arranged that addition or deletion of recognizable structures raises no major difficulties.

A list of some of the structures which have been provisionally excluded from the grammar as ill-formed follows. These structures were excluded from the grammar not because it would be difficult to recognize them as well-formed, but rather because their inclusion at this time

would cause an excessive increase in the number of semantically unacceptable analyses for common sentence types which do not have such structures among their normal semantically acceptable analyses. Many of these structures are also on the borderline of grammaticalness.

(1) Certain type of word order inversions:[*]

Example: "Where it might stop, nobody knew."

(2) Compound structures whose members are not of the same nature:

Examples: "The suggestion that words are symbols for actions, qualities, and relationships is naive, a gross simplification."

"In time the satellite's surface begins to wrinkle, making reflected signals fade and harder to hear."

"There was little doubt that A.T.&T., with assets of $22.6 billion, and able to make yearly capital outlays running around $2.5 billion, could take on the job."

"A.T&T.'s proposal drew immediate fire from companies not now in the international-communication swim but engaged in manufacturing space equipment."

(3) Initial "and":

Examples: "And so, Kennedy called Eleanor Roosevelt and Walter Reuther..."

"And no administration policy had yet been set."

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_* There are many types of word-order inversions of more normal nature recognizable in the current grammar, such as: "In each chapter is included a bibliography." [(SE, PRE)-3,4,5]; "Crucial is the question..." (SE, ADJ)-1]; "Attached to the text is a bibliography." (SE, PT1)-1]; "There comes a train." (SE, AV4)-0]; "We have available these devices." (VX, VT3)-2].

(4) The use of one or two commas for a two-member compound noun phrase:

Examples: "Diplomatic policies of the nation as determined by the cabinet, and the principles of the UN may not always accord well with each other."

"My father, and my mother also, are against my proposal."

"No such initiative has yet come to light in Russia, which, in fact, has shown little interest so far, and no recorded firsts, in space experiments pointed toward a communication system."

There are also structures which are widely accepted as well-formed but which have not been included in the current grammar. The typical examples of such structures are elliptical ones such as "Mary loves John, and John (*) Mary." and "The transformation of ambiguous (*) to unambiguous English sentences is difficult.". These structures have been excluded from the current grammar because it was feared, again, that the inclusion would cause too many semantically unacceptable analyses for sentences which do not contain such elliptical structures and because we have not yet conceived of a method for automatically identifying elliptical structures with reference to parallel structures which precede or succeed them.

The following is a sample of other miscellaneous structures that the current grammar cannot recognize. The scope of the grammar will be enlarged in the near future so that the structures below can be recognized as well-formed.

    (1)  A pair of quotation marks:

        Examples:  "The third problem, linked to delay, is "echo"."

                   ""Get your teams ready," said Lawson."

    (2)  A parenthetical expression which is not parallel with any structure that precedes it, or which cannot be accepted as a floating structure:

        Examples:  "Technologically speaking, there are three basic
                   contending schemes (see diagrams, pages 158 and
                   159), with a number of variations, for orbiting
                   a communication satellite system."

                   "The first big one was Score, an improvised
                   communication package of the delayed-repeater
                   type (it stores voice messages on tape...),
                   put up by a joint military team as part of an
                   Atlas rocket in December, 1958."

    (3)  A certain type of word-order inversion:

        Examples:  "Little did he know about it."

                   "Not only did he work hard, but also he worked
                   efficiently."

The word-order inversion of this type is caused by a small number of adverbs such as "little", "not only", "hardly", and "no sooner". The recognition of the inversion will require a new word class for such adverbs. Another type of word-order inversion, caused by an adjective, a past participle, or a prepositional phrase at the beginning of a main sentence, can be recognized by the current grammar (see the footnote on p. II-4).

(4) Certain types of discontinuous structures:

    Examples:   "The word got out that President Kennedy admitted that he had indeed given sanction to the deal."

                 "He let it be known that he would be ready to answer any question."

                 "A better man was found than we had expected."

There are many types of discontinuous structures which are recognizable in the current grammar. Typical of these structures are:

"It is true that you have won." [temporary subject "it" and a real subject; see (SE, TIT)]

"Better men were found than we had expected." (an adjective in the comparative degree and "than"-clause when the adjective initiates the subject phrase)

"He is as good a scholar as one would expect to find in this world." [(N3, AV3)]

The complexity of recognizing the discontinuous structures exemplified in the first three examples in (4) above in contrast to those recognizable in the current grammar is due to the necessity of opening the branches for the former at a very early stage of analysis. For example, for the recognition of "Better men were found than we had expected.", the prediction of the discontinuous "than"-clause ("88") is generated when "better" is processed: the subrule (SE, AAB)-1 generates the new predictions | PD | 88 | VZ | 4Z | . For the recognition of "A better man was found than we had expected.", it is too late to make the same prediction

when "better" is processed because at this point the prediction pool

contains the predictions $\boxed{\text{PD} \mid \text{VZ}}$ and the positioning of the "88"

prediction below the topmost prediction would violate the principle of

pushdown store and would also involve complicated tests as to where in

the prediction pool it should be stored. This requires a new subrule

for (SE, ART) which would generate new predictions

$\boxed{\text{PD} \mid 88 \mid \text{VZ} \mid 42 \mid \text{COMPARATIVE ADJ}}$ . Another solution to this problem

would be to allow the acceptance of a "than"-clause by the predicate

prediction. This solution would be less profitable than the former one

because the test for the well-formedness of input sentences would be

greatly weakened and because the dependency of a "than"-clause on the

preceding adjective in the comparative degree would not be determined.

(5) Certain types of nominal adverbial phrases or clauses:

Examples: "The problems still to be solved are as complex,
one within another, as a set of Chinese boxes."

"At these heights the satellites, randomly
following one another, would orbit the earth
about once every two to three hours."

"What is better, he is a good scholar."

"What I liked best of all, he remembered my name."

The recognition of the first and second examples involves a new

word class for "one". The third and fourth examples can be made recog-

nizable simply by adding rules in the grammar which would cover the use

of RL3 and RL4 for introducing an adverbial clause.

(6) Certain types of inserted clauses which are not introduced by any conjunction:

> Examples: "The delay adds up to six-tenths-of-a-second lag in each transmission, enough, <u>say some authorities</u>, to be a serious annoyance in two-way telephone conversations."
>
> "This is what <u>I think</u> is important."

The current grammar recognizes an inserted clause when it is introduced by a conjunction. The first example in (6) above would be accepted if "say some authorities" were replaced by "as some authorities say".

The current grammar recognizes an adjective clause with no introducing relative word. Examples: "The man <u>I saw yesterday</u> is Mr. A."; "This is the boy <u>I call</u> stupid."

Recognition of the inserted clauses in (6) can be enabled by setting up a new prediction for reporting verbs (VT6 and VT7) and by providing such subrules as (DA, VT6) = $\boxed{\text{NOUN SUBJECT}}$ (for ", <u>say some authorities</u>,") and (NC, IPN) = $\boxed{\text{PREDICATE} \mid \text{REPORTING VERB} \mid \text{NOUN SUBJECT}}$ (for "what <u>I think</u> is important").

(7) A gerund, with its dependent structure, modified by a possessive pronoun:

> Example: "I object to <u>your</u> postponing the decision."

(8) Others:

> Examples: "<u>Were it not for your help,</u> I should fail." (conditional clause represented by the word-order inversion)

"How beautiful a flower this is!" (exclamatory
sentence involving the word-order inversion)

"He works harder than I am able to." (omission of
a basic form of a verb after "to" for infinitive)

"The secret out, he admitted that he had indeed
given sanction to the deal." (so-called nominative
absolute construction with a participle missing)

"It was the temperature the closest to absolute
zero." (post-positional attributive preceded by
"the"[*])

"The satellites would orbit the earth about once
every two to three hours." (attributive preposition-
al phrase in front of a noun[**])

"To begin with, he is dead."; "This is unheard of."
(the object of "with" and "of" is missing[***])

"The number of telephones had more than tripled."
("more than" as a unit adverbial phrase[****])

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[*] The recognition of the structure will require a new word class for
adjectives in the superlative degree.

[**] The recognition of the structure will require a new word class for
the preposition "to", which seems to be the only preposition that
can be used for introducing an attributive phrase in front of a noun.

[***] The current grammar expects an object after the processing of "with"
and "of" in the two examples. In order to recognize these and other
idiomatic expressions, it is necessary to embody, in the current
dictionary lookup routine, a mechanism for detecting a series of
word forms which are to be regarded as a unit word form in the analy-
sis routine. To avoid excessive ad hoc use of "idioms", the
introduction of such a mechanism into the system, although quite
simple to achieve, has been deliberately deferred.

[****] The structure can be made recognizable by adding rules in the grammar
pertaining to "more" as AV6 or by regarding "more than" as an "idiom"
in the dictionary lookup routine.

## 3. Format of the Grammar

The current English grammar is written mnemonically so as to make it intelligible to those people who are not familiar with the symbolic expressions used in the system.* For the use of the computer, the mnemonic grammar is compressed into a symbolic grammar whose unit segment (usually corresponding to a single subrule) consists of five IBM 7090 machine words.

Each subrule is initiated in the grammar table by an argument pair and a subrule number in the column headed "ARGUMENT PAIR". Two characters preceding a comma stand for a prediction, three characters succeeding a comma stand for a syntactic word class, and a character following a hyphen stands for a subrule number. The subrule number (0,1,2, ...,9,A,B, ...,Z) pertains to the order of subrules within a rule.

Each subrule has a pair of characters in the second column headed "SR". The characters represent the syntactic role played by the word class of the argument pair in the particular subrule. These characters, called the syntactic role code, will be explained in Part 7.

Each subrule has a set of five bits in the column headed "AGREE TEST". These bits, called agreement test indicator, are used for the control of agreement tests in the course of analysis. They will be explained in Part 6.

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The column "NEW PREDS" displays a set of newly generated predictions
for each subrule. The format of this column is that of a pushdown store:
the prediction which appears on top for each subrule is the first to be
tested. Some subrules give no new predictions; hence there are no pre-
dictions in the column "NEW PREDS". Each expression in "NEW PREDS"
consists of two characters (to the left of the hyphen) which refer to
one of the currently recognized eighty-two predictions, and of one
character (to the right of the hyphen) which is called a prediction
subclassification index. The prediction subclassification index is used
for specifying the subclassification of the prediction for each of its
occurrences. When the character to the right of a hyphen is a space,
it means that the prediction has no subclassification currently recog-
nized. The predictions and their subclassification indices will be
discussed in some detail in Part 4.

The column headed "MNEMONIC DESCRIPTIONS OF PREDICTIONS" gives
the mnemonic expression for the prediction listed on the same line in
column "ARGUMENT PAIR" or "NEW PREDS". For example, the subrule
(SE, PRN)-0 shows that "SE" is the "SENTENCE" prediction, "VX" the
"PREDICATE" prediction, and "PD" the "PERIOD" prediction. The mnemonic
description of the word class symbol in the argument pair of a subrule
is not given in each subrule, but in the fold-out attached at the end of
this report.

The column "STRUCT, SHIFT CD" gives information used in obtaining
the sentence structure diagram of a given analysis. The series of symbols
(called structure symbols) in this column which appear on the same line

as the argument pair is called a substructure code. The substructure
code of a subrule represents the dependency of the structure of the
word class of the argument pair upon the higher-level structure of the
prediction of the same argument pair. Each newly generated prediction
in a subrule has a number called the "shifting code" which is either
0, 1, 2, 3, or Y. Part 8 gives a brief explanation of the information
stored in this column.

The column "ENGLISH EXAMPLES" shows one way, one of the simplest
ways in most cases, of fulfilling each newly generated prediction. For
example, the subrule (SE, PRN)-0 shows that the "SE" prediction has been
fulfilled by "THEY" as PRN. The new prediction of "VX" can be fulfilled
by "GO" as VI1, and that of "PD" by a period ".". The reader may find
out what kind of structures, other than "GO" as VI1, can fulfill "VX"
by referring to the rules in the grammar pertaining to "VX".

Some subrules have an "introductory phrase" and/or "closing
phrase". The former is marked by three asterisks on its left. The
introductory phrase of a subrule is such that the prediction of the
argument pair will become the topmost prediction in the prediction pool
after the processing of the word classes for the introductory phrase,
and therefore provides an appropriate illustrative context for the
example given with the subrule. Paired introductory and closing phrases
indicate that after the processing of the word classes for the introductory
phrase, the prediction of the argument pair will be the topmost prediction
in the pool and the prediction for the structure represented by the closing
phrase will be the second one from the top.

Except for subrules for "SE" prediction, the introductory phrase which appears with the first subrule on each page of the grammar should be carried over to the succeeding subrules until a new introductory phrase is again introduced.

Dotted horizontal lines in the grammar table mark the boundaries of grammar rules.

## 4. Predictions

Eighty-two predictions which appear on the current English grammar are shown in Table 1, together with their corresponding mnemonic expressions. Some predictions are found in the column "NEW PREDS" but are not included explicitly in the list. They are those which carry information as to their grammatical number or conditional mood. Subject predictions (1X, 4X, 7X, MX) and predicate predictions (CX, EX, FX, HX, IX, TX, UX, VX, WX) change their forms due to such information: the second character "X" of these predictions is replaced by "S", "P", "C", "Y", or "Z" as required. "S" stands for the singular number, "P" for plural, "C" for singular-plural, and "Y" for conditional mood. "Z" is the number code assigned to the predictions of a subject and a predicate when the grammatical number of the two predictions is still unknown. As soon as the number is determined for the prediction which is first satisfied, the same number is to be carried over to the other prediction.

The prediction of "ZM", "ZC", or "ZD" and the prediction immediately below it in a grammar subrule form a pair of droppable predictions corresponding to a compound structure which may or may not be fulfilled by the

| Prediction, Mnemonic Description | |
|---|---|
| 1X SUBJECT | IO INTERROG PRN ACC |
| 33 AS-CLAUSE | IQ INTERROG PRN COMPL |
| 4X MODIFIED SUBJECT | IX COMPLETE VI |
| 7X SUBJECT MASTER | LB RELATIVE PRONOUN ACC |
| 88 THAN-CLAUSE | MX NOUN SUBJECT |
| A1 ATTRIBUTIVE ADJ | N2 OBJECT |
| A2 DISCONTINUOUS ADJ | N3 NOUN COMPLEMENT |
| AC ADJECTIVE CLAUSE | N5 MODIFIED OBJECT |
| AI ADJECTIVE | N6 MODIFIED COMPLEMENT |
| AP POST-POSITIONAL ADJ | N8 OBJECT MASTER |
| AR ARTICLE | N9 COMPLEMENT MASTER |
| B1 INFINITE VT1 | NC NOUN CLAUSE |
| BV INFINITE VERB | ND NOUN CL WITH NO OBJ |
| BW INF VERB WITH NO OBJ | NE CONDITIONAL NOUN CLAUSE |
| BX INF COMPLETE VI | NQ NOUN OBJECT |
| BY INFINITE COPULA | PA PARTICIPLE |
| C2 ADVERB CLAUSE CONJ | PB PART WITH NO OBJ |
| C3 AS (OF COMPARISON) | PD PERIOD |
| C8 THAN (OF COMPARISON) | PF PERFECT PARTICIPLE |
| CM COMMA,AND,OR | PG PERF PART WITH NO OBJ |
| CN COMMA | PH PERF PARTICIPLE VI |
| CX COPULA | PI PERF PART COPULA |
| DA ADVERB | PJ PERF PART BE1 |
| DB ADVERB AFTER BE1 | Q1 PERF PARTICIPLE VT1 |
| DC THERE,HERE | QU QUESTION MARK |
| DM DUMMY PREDICTION | R1 PARTICIPLE VT1 |
| DN ADVERBIAL NOUN PHR | RR PARTICIPLE VI |
| DP PREPOSITIONAL PHR | RS PRES PART COPULA |
| DQ PREPOSITION | SE SENTENCE |
| EX BE2 (COPULA) | SF DECLAR CL WITH NO OBJ |
| FX BE3 (AUXILIARY) | SG DECLARATIVE CLAUSE |
| G1 GERUND OF VT1 | SH CONDITIONAL DECLAR CL |
| GR GERUND | TX SIMPLE OBJ VT |
| HX HAV3 (TENSE AUX) | UX AUXILIARY VERB |
| I1 TO-INFIN VT1 | VX PREDICATE |
| ID INTERROG ADVERB | WX PREDICATE WITH NO OBJ |
| IF TO-INFINITIVE | XC (A,B,) AND (C) |
| IG TO-INFIN WITH NO OBJ | XD (A) AND (B) |
| IH TO-INFIN COMPLETE VI | ZC (A,B,) AND (C) (DROP) |
| II TO-INFIN COPULA | ZD (A) AND (B) (DROP) |
| IN INTERROG PRN SUBJECT | ZM COMMA,AND,OR (DROP) |

List of Predictions

TABLE 1

succeeding words in a sentence. When one of "ZM", "ZC", or "ZD" becomes the topmost prediction in the prediction pool, it is changed to "CM", "XC", or "XD", respectively, before an argument pair is formed with the next homograph to be processed.

If the argument pair is found in the grammar, a set of new predictions is added to the old prediction pool, and the prediction which was stored below "ZM", "ZC", or "ZD" behaves as a normal prediction which has to be fulfilled by one or more succeeding words in the sentence.

On the other hand, if the argument pair is not found in the grammar table, and if all the homographs of the next word form have been exhaustively processed, a test is made as to whether the (topmost) prediction used for the current argument pair is a droppable prediction or not. If it is not, the normal process of going back to the previous branching point of the immediately preceding word form is performed. If it is a droppable prediction, that is, one of "ZM", "ZC", or "ZD", it is dropped from the prediction pool together with the prediction immediately below it, because the possibility is now precluded of having the compound structure prediction fulfilled by the succeeding words in the sentence.

The prediction of "DM-Y" in the subrule (XC, CMA)-1 is for the processing of "listing" structures whose members can be endlessly extended to the right of the word position for the prediction of "XC", as in "A, B, C, ..., and Z". When the set of new predictions $\boxed{\text{XC} \mid \text{DM}}$ given by the subrule (XC, CMA)-1 is placed on top of the prediction pool, "DM", called a dummy prediction, is replaced by the prediction which is stored immediately below the fulfilled prediction "XC". If the prediction pool

contained $\boxed{\text{NQ} \mid \text{XC}}$ before the processing of "XC" against a comma, the
"DM" prediction will be replaced by "NQ", so that the prediction pool
will now contain $\boxed{\text{NQ} \mid \text{XC} \mid \text{NQ}}$ . Assuming the next topmost prediction
"NQ" is fulfilled by a noun, the prediction pool will contain the same
set of predictions $\boxed{\text{NQ} \mid \text{XC}}$ as it did before the processing of the
preceding comma. In this way, a "listing" structure with any number
of components can be processed.

Table 2 shows the set of subclassification indices currently
associated with certain predictions. To determine the subclassification
indices associated with a given prediction, look it up in the leftmost
column of Table 3; if it is not found in the table, it has no subclassi-
fication; if it is found, convert it to the prediction given in the column
for "GENERALIZED PREDICTION". The new prediction thus obtained can be
used as a key to Table 2.

For example, the grammar subrule (SE, IPO)-0 generates six new
predictions: $\boxed{\text{QU-} \mid \text{BW-A} \mid \text{1Z-A} \mid \text{UZ-B} \mid \text{IO-} \mid \text{ZC-B}}$ . "IO" and "QU" are
not found in Table 3; therefore these two predictions have no subclassi-
fication. "UZ" and "1Z" are the predicate and subject predictions with
the agreement code of "Z". Therefore, they are first converted to "UX"
and "1X", respectively. Then, "ZC", "UX", "1X", and "BW" are converted
to "CN", "VX", "1X", and "IF" through Table 3. These four new pre-
dictions, together with their original subclassification indices, are
used as the keys for Table 2 which gives the mnemonic interpretations
for the original predictions as shown in Table 4.

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| 1X-A | SUBJECT OF PREDICATE VERB | |
| 1X-B | SUBJECT OF PARTICPL VERB | subject of participial construction |
| 1X-X | | to be changed to A or B in the course of analysis |
| A1-A | ATTRIBUTIVE OF SUBJECT | |
| A1-B | ATTRIBUTIVE OF COMPLEMENT· | |
| A1-C | ATTRIBUTIVE OF OBJECT | |
| A1-D | POST-POSITIONAL ATTRIBUTIVE | |
| A1-X | | to be changed to A, B, C, or D in the course of analysis |
| C3-A | CONJUNCTION OF COMPARISON A | introduces an adverbial clause which modifies an adjective |
| C3-B | ADVERB FOR COMPARISON | the first "as" in "as...as..." |
| C3-C | CONJUNCTION OF COMPARISON C | introduces an adverbial clause which modifies an adverb |
| C3-E | CONJUNCTION OF COMPARISON E | introduces an adjective clause which modifies a subject |
| C3-F | CONJUNCTION OF COMPARISON F | introduces an adjective clause which modifies an object |
| C3-G | CONJUNCTION OF COMPARISON G | introduces an adjective clause which modifies a complement |
| C3-H | CONJUNCTION OF COMPARISON H | introduces an adverbial clause which modifies an adjective complement |
| C3-I | CONJUNCTION OF COMPARISON I | introduces an adverbial clause which modifies an adjective which modifies a subject |
| C3-X | | to be changed to A, B, ..., or I in the course of analysis |

List of Prediction Subclassification Indices

TABLE 2

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| CN-A | COMPOUND SUBJECT | a comma or coordinate conjunction for a compound subject |
| CN-B | COMPOUND OBJECT | – for a compound object |
| CN-C | COMPOUND COMPLEMENT | – for a compound complement |
| CN-D | COMPOUND ADJECTIVE | – for a compound adjective |
| CN-E | COMPOUND ADVERB | – for a compound adverbial phrase |
| CN-F | COMPOUND PREPOSITION | – for a compound preposition |
| CN-G | COMPOUND POST-POSITIONAL ADJ | – for a compound post-positional adjective |
| CN-H | COMPOUND GERUND | – for a compound gerund |
| CN-I | COMPOUND INFINITIVE | – for a compound infinitive |
| CN-L | COMPOUND IMPERATIVE VERB | – for a compound imperative verb |
| CN-M | COMPOUND PARTICIPIAL VERB | – for a compound participial verb |
| CN-N | COMPOUND PREDICATE VERB | – for a compound predicate verb |
| CN-O | END OF PHRASE | a comma marking the end of a phrase |
| CN-P | END OF CLAUSE | a comma marking the end of a clause |
| CN-Q | INSERTION | a comma marking the beginning of an inserted phrase or clause |
| CN-R | END OF INSERTION | a comma marking the end of an inserted phrase or clause |
| CN-S | BEGINNING OF CLAUSE | a comma marking the beginning of a clause |
| CN-T | COMPOUND CONJUNCTION | a comma or coordinate conjunction for a compound conjunction |
| CN-V | COMPOUND ADJECTIVE CLAUSE | – for a compound adjective clause |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| CN-A | COMPOUND SUBJECT | a comma or coordinate conjunction for a compound subject |
| CN-B | COMPOUND OBJECT | – for a compound object |
| CN-C | COMPOUND COMPLEMENT | – for a compound complement |
| CN-D | COMPOUND ADJECTIVE | – for a compound adjective |
| CN-E | COMPOUND ADVERB | – for a compound adverbial phrase |
| CN-F | COMPOUND PREPOSITION | – for a compound preposition |
| CN-G | COMPOUND POST-POSITIONAL ADJ | – for a compound post-positional adjective |
| CN-H | COMPOUND GERUND | – for a compound gerund |
| CN-I | COMPOUND INFINITIVE | – for a compound infinitive |
| CN-L | COMPOUND IMPERATIVE VERB | – for a compound imperative verb |
| CN-M | COMPOUND PARTICIPIAL VERB | – for a compound participial verb |
| CN-N | COMPOUND PREDICATE VERB | – for a compound predicate verb |
| CN-O | END OF PHRASE | a comma marking the end of a phrase |
| CN-P | END OF CLAUSE | a comma marking the end of a clause |
| CN-Q | INSERTION | a comma marking the beginning of an inserted phrase or clause |
| CN-R | END OF INSERTION | a comma marking the end of an inserted phrase or clause |
| CN-S | BEGINNING OF CLAUSE | a comma marking the beginning of a clause |
| CN-T | COMPOUND CONJUNCTION | a comma or coordinate conjunction for a compound conjunction |
| CN-V | COMPOUND ADJECTIVE CLAUSE | – for a compound adjective clause |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| CN-W<br>CN-X | COMPOUND CLAUSE | --- for a compound clause<br>to be changed to A, B, ..., or W in the course of analysis |
| GR-A<br>GR-B<br>GR-X | SUBJECT GERUND<br>OBJECT GERUND<br> | <br><br>to be changed to A or B in the course of analysis |
| IF-A | PREDICATE VERB | |
| IF-B | IMPERATIVE VERB | |
| IF-C | PARTICIPIAL VERB | |
| IF-D | INFINITE VERB | |
| IF-E | GERUND VERB | |
| IF-F | OBJECT INFINITIVE | |
| IF-I | SUBJECT INFINITIVE | |
| IF-M | ADVERBIAL INFINITIVE | |
| IF-N | ADJECTIVAL INFINITIVE | |
| IF-P | COMPL INF OF PREDICATE VERB | complement infinitive of predicate verb |
| IF-Q | COMPL INF OF IMPERATIVE V | complement infinitive of imperative verb |
| IF-R | COMPL INF OF PARTICIPL VERB | complement infinitive of participial verb |
| IF-S | COMPL INF OF INFINITE VERB | complement infinitive of infinite verb |
| IF-T | COMPL INF OF GERUND VERB | complement infinitive of gerund verb |
| IF-X | | to be changed to A, B, ..., or T in the course of analysis |
| IF-Z | | to be changed to P, Q, R, S, or T in the course of analysis |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| N2-A | OBJECT OF PREDICATE VERB | |
| N2-B | OBJECT OF IMPERATIVE VERB | |
| N2-C | OBJECT OF PARTICIPIAL VERB | |
| N2-D | OBJECT OF INFINITE VERB | |
| N2-E | OBJECT OF GERUND VERB | |
| N2-F | OBJECT OF OBJECT INFINITIVE | |
| N2-G | OBJECT OF PREPOSITION | |
| N2-I | OBJECT OF SUBJECT INFIN | object of subject infinitive |
| N2-M | OBJECT OF ADVERB INFINITIVE | object of adverbial infinitive |
| N2-N | OBJECT OF ADJ INF-PARTICIPL | object of adjectival infinitive or participle |
| N2-P | OBJ OF COMPL INF-PARTICIPL P | object of complement infinitive or participle of predicate verb |
| N2-Q | OBJ OF COMPL INF-PARTICIPL Q | object of complement infinitive or participle of imperative verb |
| N2-R | OBJ OF COMPL INF-PARTICIPL R | object of complement infinitive or participle of participial verb |
| N2-S | OBJ OF COMPL INF-PARTICIPL S | object of complement infinitive or participle of gerund verb |
| N2-T | OBJ OF COMPL INF-PARTICIPL T | object of complement infinitive or participle of gerund verb |
| N2-X | | to be changed to A, B, ..., or T in the course of analysis |
| N3-A | COMPLEMENT OF PREDICATE V | complement of predicate verb |
| N3-B | COMPLEMENT OF IMPERATIVE V | complement of imperative verb |
| N3-C | COMPLEMENT OF PARTICIPL VERB | complement of participial verb |
| N3-D | COMPLEMENT OF INFINITE VERB | complement of infinite verb |
| N3-E | COMPLEMENT OF GERUND VERB | complement of gerund verb |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| N3-F | COMPLEMENT OF OBJECT INFIN | complement of object infinitive |
| N3-I | COMPLEMENT OF SUBJECT INFIN | complement of subject infinitive |
| N3-M | COMPLEMENT OF ADVERB INFIN | complement of adverbial infinitive |
| N3-N | COMPL OF ADJ INF-PARTICIPL | complement of adjectival infinitive or participle |
| N3-P | COMPL OF COMPL INF-PART P | complement of complement infinitive or participle of predicate verb |
| N3-Q | COMPL OF COMPL INF-PART Q | complement of complement infinitive or participle of imperative verb |
| N3-R | COMPL OF COMPL INF-PART R | complement of complement infinitive or particle of participial verb |
| N3-S | COMPL OF COMPL INF-PART S | complement of complement infinitive or participle of infinitive verb |
| N3-T | COMPL OF COMPL INF-PART T | complement of complement infinitive or participle of gerund verb |
| N3-X | | to be changed to A, B,..., or T in the course of analysis |
| NC-C | SUBJECT CLAUSE | |
| NC-D | OBJECT CLAUSE | |
| NC-E | COMPLEMENT CLAUSE | |
| NC-X | | to be changed to C, D, or E in the course of analysis |
| PA-A | PREDICATE VERB | |
| PA-B | IMPERATIVE VERB | |
| PA-C | PARTICIPIAL VERB | |
| PA-D | INFINITE VERB | |
| PA-E | GERUND VERB | |
| PA-I | COMPL PARTICIPL OF SBJ GER | complement participle of subject gerund |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| PA-M | ADVERBIAL INFINITIVE | |
| PA-N | PARTICIPIAL ADJECTIVE | |
| PA-P | COMPL PARTICPL OF PRED VERB | complement participle of predicate verb |
| PA-Q | COMPL PARTICPL OF IMPER V | complement participle of imperative verb |
| PA-R | COMPL PART OF PARTICPL VERB | complement participle of participial verb |
| PA-S | COMPL PART OF INFINITE VERB | complement participle of infinite verb |
| PA-T | COMPL PART OF GERUND VERB | complement participle of gerund verb |
| PA-X | | to be changed to A, B,..., or T in the course of analysis |
| PA-Z | | to be changed to P, Q, R, S, or T in the course of analysis |
| SG-C | SUBJECT CLAUSE | |
| SG-D | OBJECT CLAUSE | |
| SG-E | COMPLEMENT CLAUSE | |
| SG-F | ADJECTIVE CLAUSE | |
| SG-G | ADVERBIAL CLAUSE | |
| SG-X | | to be changed to C, D,..., or G in the course of analysis |
| VX-A | PREDICATE VERB A | predicate verb of declarative sentence |
| VX-B | PREDICATE VERB B | predicate verb of interrogative sentence |
| VX-C | PREDICATE VERB C | predicate verb of subject clause |
| VX-D | PREDICATE VERB D | predicate verb of object clause |

TABLE 2 (continued)

| Prediction and Index | Mnemonic Interpretation | Comments |
|---|---|---|
| VX-E | PREDICATE VERB E | predicate verb of complement clause |
| VX-F | PREDICATE VERB F | predicate verb of adjective clause |
| VX-G | PREDICATE VERB G | predicate verb of adverbial clause |
| VX-X | | to be changed to A, B, ..., or G in the course of analysis |

TABLE 2 (continued)

The index "X" which all predictions in Table 2 can have is an index which is used in the grammar table, but which is never found in the prediction pool at any stage of analysis. Before a prediction with index "X" is transferred to the prediction pool for the analysis of the next word, "X" is changed to whatever index was assigned to the prediction used to form the argument pair for the grammar table lookup. For example, when the prediction "BW" of Table 4 is fulfilled by IT1 through the subrule (BW, IT1)-0, a set of new predictions | BW-X | ZM-I | is obtained. Before these two predictions are transferred to the prediction pool, the sub-classification index "X" of the new "BW" is changed to "A" since this is the index of the prediction "BW" in the argument pair. Thus, the new prediction "BW" has the indication that it is the prediction of a basic form of a verb for a "predicate verb", and not for a "subject infinitive", "adverbial infinitive," and so forth.

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| Original Prediction | Generalized Prediction | Original Prediction | Generalized Prediction |
|---|---|---|---|
| 1X | 1X | N3 | N3 |
| 33 | C3 | N5 | N2 |
| 4X | 1X | N6 | N3 |
| 7X | 1X | N8 | N2 |
| 88 | C3 | N9 | N3 |
| A1 | A1 | NC | NC |
| A2 | A1 | ND | NC |
| AI | N3 | NE | NC |
| AR | A1 | NQ | N2 |
| B1 | IF | PA | PA |
| BV | IF | PB | PA |
| BW | IF | PF | PA |
| BX | IF | PG | PA |
| BY | IF | PH | PA |
| C3 | C3 | PI | PA |
| C8 | C3 | PJ | PA |
| CM | CN | Q1 | PA |
| CN | CN | R1 | PA |
| CX | VX | RR | PA |
| EX | VX | RS | PA |
| FX | VX | SF | SG |
| G1 | GR | SG | SG |
| GR | GR | SH | SG |
| HX | VX | TX | VX |
| I1 | IF | UX | VX |
| IF | IF | VX | VX |
| IG | IF | WX | VX |
| IH | IF | XC | CN |
| II | IF | XD | CN |
| IX | VX | ZC | CN |
| MX | 1X | ZD | CN |
| N2 | N2 | ZM | CN |

Prediction Conversion Table for Reference to Table 2

TABLE 3

| Original Prediction | Key to Table 2 | Mnemonic Interpretations |
|---|---|---|
| 2C-B | CN-B | compound object |
| UZ-B | VX-B | predicate verb of interrogative sentence |
| 1Z-B | 1X-B | subject of predicate verb |
| BW-A | IF-A | predicate verb |

Example of Interpretations of Prediction
Subclassification Indices

TABLE 4

| Index for the Previous Topmost Prediction | Index for a New Prediction<br>The Conversion of "Z" Within a Grammar Subrule |
|---|---|
| A | Z ⟶ P |
| B | Z ⟶ Q |
| C | Z ⟶ R |
| D | Z ⟶ S |
| E | Z ⟶ T |

Conversion of "Z" Index

TABLE 5

The index "Z" for "IF" and "PA" behaves like "X", but instead of carrying over directly to a new prediction the index of the fulfilled prediction, it performs the conversion described in Table 5. For example, if the index for the fulfilled prediction is "A", then "Z" is converted to "P".

## 5. Syntactic Word Classes

The list of 133 syntactic word classes currently recognized is given in the fold-out attached at the end of this report.

A manual of syntactic word classes is given in Appendix A.

## 6. Agreement Test Indicator

Each word form in the dictionary has one or more word class codes assigned to it. Each word class code, which consists of three characters, is followed by a fourth character used for the specification of the grammatical number of the corresponding word form. There are five kinds of number codes presently recognized. "S" stands for singular, "P" for plural, "C" for singular-plural, "Y" for conditional (only for BE1, BE2, and BE3 for "be"), and " " (a space) for a syntactic word class which would never be subjected to the number agreement test.

There are five grammatical number codes presently recognized for subject predictions (1X, 4X, 7X, MX) and predicate predictions (CX, EX, FX, HX, IX, TX, UX, VX, WX): "S" for singular, "P" for plural, "C" for singular-plural, "Y" for conditional mood. "Z" is the number code assigned to a pair of subject and predicate predictions when the grammatical number of the two predictions is still unknown. As soon as the number is known for the prediction which is first satisfied, the same number is to be carried over to the other prediction.

Each subrule in the grammar table has an agreement test indicator in the column "AGREE TEST". The agreement test indicator consists of five bits $(a_1, a_2, a_3, a_4, a_5)$. $a_1$ is for the agreement test between the number of the prediction and the number of the syntactic word class of the argument pair. $a_2$ and $a_3$ are for the number code specifications of the newly generated predictions, while $a_4$ and $a_5$ are for the number specification of the prediction with the number code "Z" in the old pool when the fulfilled prediction itself had the number code "Z".

$a_1$: The word class in question will be rejected if $a_1 = 1$ and if one of the following conditions is fulfilled:

(1) "S" is the number code of the prediction, and "P" or "Y" is the number code of the word class;

(2) "P" is the number code of the prediction, and "S" or "Y" is the number code of the word class;

(3) "C" is the number code of the prediction, and "Y" is the number code of the word class.

The subrule (BV, I11)-0, for example, has $a_1 = 0$ because there is no distinction of number for the prediction of an infinite verb, and there is no number code assigned to an infinite form of a verb. The subrule (VX, VI1)-0, on the other hand, has $a_1 = 1$ because "VX" is the prediction of a predicate whose grammatical number has been determined by its preceding subject: the number of VI1 should match the number of the fulfilled prediction "VX".

$a_2$: $a_2$ indicates whether or not the number code specification
—of new predictions is to be performed using the number
code of the syntactic word class in question.

If $a_2$ = 0, no specification is performed.

If $a_2$ = 1, "X" of "1X, 4X, 7X, MX, CX, EX, FX, HX,
IX, TX, UX, VX, WX" in the set of new predictions is
changed to the number code of the syntactic word class.

The grammar subrule (SE, PRN)-0, for example, has $a_2$ = 1
because the grammatical number of the PRN should be
carried over to the grammatical number of the new pre-
diction "VX". If the PRN has the number code "S" for
singular, "VX" is changed to "VS".

$a_3$: $a_3$ indicates whether or not the number code specification
is to be performed utilizing the number code of the
fulfilled prediction.

If $a_3$ = 0, no specification is performed.

If $a_3$ = 1, "X" of "1X, 4X, 7X, MX, CX, EX, FX, HX,
IX, TX, UX, VX, WX" in the set of new predictions is
changed to the number code of the fulfilled prediction.

$a_2$ and $a_3$ can never be 1 simultaneously.

The subrule (SE, PRN)-0, for example, has $a_3$ = 0 because
the grammatical number of the new prediction "VX" cannot
be determined on the basis of the fulfilled prediction
"SE" which has no number specification for itself. The

subrule (MX, AAA)-0, on the other hand, has $a_3 = 1$ because
the new prediction "4X" should have the same grammatical
number as was assigned to the fulfilled prediction "MX".
After the processing of "There is" of "There is a man.",
the prediction pool may contain the prediction of singular
noun subject ("MS") as the topmost prediction; for the
processing of the next word form "a", the subrule
(MX, AAA)-0 will be used. Because $a_3 = 1$ in this subrule,
"X" of the new prediction "4X" is changed to "S" of the
fulfilled prediction "MS", so that "4S" is stored on the
top of the prediction pool.

$a_4$ and $a_5$: These two bits are referred to only when the fulfilled
prediction had the number code "Z". They indicate whether
the number specification of a prediction in the prediction
pool which has "Z" as the number code should be performed
on the basis of the number code of the word class in question
or whether "Z" should be changed to "C".

If $a_4 = a_5 = 0$, no specification is made.

If $a_4 = 1$, "Z" of the first "1Z, 4Z, 7Z, MZ, CZ, EZ, FZ,
HZ, IZ, TZ, UZ, VZ, WZ" in the prediction pool is to be changed
to the number code of the word class in question.

If $a_5 = 1$, "Z" of the first such prediction is to be
changed to "C".

$a_4$ and $a_5$ cannot be 1 simultaneously.

For example, after the processing of "the" in "The man came.", the prediction pool may contain the predictions of | PD | VZ | 4Z | due to the grammar subrule (SE, AAA)-0. Next, "4Z" is generalized and forms the argument pair together with MMM for "man". The subrule (4X, MMM)-0 has the agreement test indicator $a_4 = 1$. "VZ" in the old prediction pool is changed to "VS" because of the number code "S" assigned to MMM for "man". After the processing of "a" in "A watch and chain is out of date." the prediction pool may contain the predictions of | PD | VZ | 4Z | . The subrule to be used for the processing of the next word form is (4X, MMM)-3 which generates the prediction of the second member of the noun subject. The grammatical number of the word class MMM for "watch" cannot determine the grammatical number of the predicate verb in such a case: the number of the predicate verb may be singular or plural depending on the nature of a compound subject.* This is why the grammatical number of the predicate is determined as being singular-plural ("C"). Due to $a_5 = 1$ of the subrule, "VZ" in the prediction pool is changed to "VC".

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* Compare the following examples: "A teacher and a student _are_ here."; "A teacher or a student _is_ here."; "A publisher and an editor _are_ needed."; "A publisher and editor _is_ needed."

## 7. Syntactic Role Code

Mnemonic interpretations of the two-character syntactic role codes in column "SR" of the grammar are given in Table 6.

The mnemonic interpretation of the syntactic role played by a word class of a subrule which has "YY" or "GY" as the syntactic role code can be obtained with reference to the subclassification index of the fulfilled prediction. The fulfilled prediction is first converted to a general

| Syntactic Role Code | Mnemonic Expression | Syntactic Role Code | Mnemonic Expression |
|---|---|---|---|
| AB | ADVERB OF COMPARISON | IV | IMPERATIVE VERB |
| AD | ADVERB | OB | OBJECT |
| AI | ADJECTIVAL INFINITIVE | OI | OBJECT OF INFINITIVE |
| AP | ADVERBIAL NOUN PHRASE | OV | OBJECT OF PREDICATE VERB |
| BC | BEGINNING OF CLAUSE | PA | POST-POSITIONAL ADJECTIVE |
| CM | COMMA | PH | PREPOSITION |
| CO | CONJUNCTION | PP | POST-POSITIONAL PART-ADJ |
| CV | COMPLEMENT OF PRED VERB | PR | PREDICATE VERB |
| DA | DISCONTINUOUS ADJECTIVE | PV | PARTICIPIAL VERB |
| DI | ADVERBIAL INFINITIVE | SP | SUBJECT OF PARTICIPIAL V |
| DP | PREP PHRASE DISCONTINUOUS | SV | SUBJECT OF PREDICATE VERB |
| EC | END OF CLAUSE | TP | TEMPORARY SBJ OF PART V |
| ES | END OF SENTENCE | TS | TEMPORARY SUBJECT |
| GS | GERUND-SUBJECT | | |
| IN | INSERTION | | |
| IO | OBJECT INFINITIVE | YY | REFER TO INDEX |
| IS | SUBJECT INFINITIVE | GY | REFER TO INDEX AND ADD GERUND |

List of Syntactic Role Codes

TABLE 6

prediction with the aid of Table 3, and the new prediction thus obtained, together with the subclassification index of the original prediction, is looked for in Table 2, which gives the mnemonic interpretation of the syntactic role played by the word class in question. "GY" indicates that the word class is a gerund.

8. Substructure Code and Shifting Code

Each subrule in the grammar has a substructure code and a set of shifting codes which are used in the sentence structure diagraming subroutine to obtain structure diagrams. A sentence structure diagram is assigned to each analysis of an input sentence as an aid to the interpretation of the recognized structures.

There are certain structures whose dependencies upon higher-level structures are not determined by the current analysis program. Prepositional phrases, adverbial phrases, and adverbial clauses belong to such structures which will be referred to as "floating structures". Since we do not have available at the moment any systematic technique for automatically determining whether "in the park" in "I saw a man in the park." modifies "a man" or "saw a man", we leave the prepositional phrase "in the park" floating without determining its dependency on a higher-level structure. In order to obtain a tree structure diagram, some kind of approximation has to be made: a prepositional phrase is now assumed as being dependent upon the nearest preceding higher-level structure which can be modified by it. Thus, the current diagramming routine produces a diagram in which "in the park" is connected to "a man", not to "saw a

man". The validity of such assumptions has not yet been carefully examined. The current diagramming routine also assumes that the basic structures such as "subject" ("S"), "verb" ("V"), "object" ("O"), "complement" ("C"), "period" (".") occur on the same level. This method is in contrast to the common method of placing the verb on topmost level, with other basic structures dependent on it. The concepts of basic syntactic structures and their dependencies on each other represented in our diagrams are still experimental, and a different diagram can be obtained for a different concept of how sentence structures should be represented. More detailed explanations about the principles adopted for dependency representations will be given in "Mathematical Linguistics and Automatic Translation," Rpt. NSF-9, the Computation Laboratory of Harvard University.

The substructure code attached to each subrule in the grammar consists of one or more structure symbols.

Each structure symbol stands for a syntactic structure as shown in Table 7. A substructure code represents the dependency of the structure of the word class in question upon the higher-level structure of the prediction in question. For example, (SE, PRN)-O has the substructure code of "1S" because a PRN in this subrule plays a role of a subject ("S") of a declarative sentence ("1"). (SE, AAA)-O has the substructure code of "1SA" because an adjective in this subrule plays a role of an attributive ("A") of a subject ("S") of a declarative sentence ("1").

A subrule may have the substructure code which is initiated by "$". This is a sign to call for an examination of the subclassification index

| 1 | declarative | S | subject |
| 2 | interrogative | V | verb |
| 3 | imperative | O | object |
| 4 | subject clause | C | complement |
| 5 | object clause | D | adverb |
| 6 | complement clause | P | phrase |
| 7 | adjective clause | A | attributive |
| 8 | adverbial clause | M | participle |
| | | G | gerund |
| | | X | auxiliary verb |
| b | copy what follows* | R | phrase or clause introducer (preposition or conjunction) |
| * | copy what precedes | E | adverbial noun phrase |
| $ | refer to index | . | period |
| | | , | comma |
| | | + | and / or / but |
| | | = | question mark |

List of Structure Symbols

TABLE 7

of the fulfilled prediction, just like the syntactic role code "YY" for syntactic role expressions (ref. Part 7). The fulfilled prediction is converted to a general prediction by means of Table 3; the new prediction thus obtained, together with the subclassification index of the original prediction, is looked for in Table 8, the structure symbol conversion table. Thus, "$" in the subrule (BW, IT1)-O will be converted to "V" for "BW-A" of Table 4. The same dollar sign will be converted to "DV" if the fulfilled prediction is "BW-M" instead of "BW-A".

---

* "b" stands for a space.

| Al-A | SA | IF-N | PV | NC-D | 5 |
|------|------|------|------|------|------|
| Al-B | CA | IF-P | CV | NC-E | 6 |
| Al-C | OA | IF-Q | CV | PA-A | V |
| Al-D | A | IF-R | CV | PA-B | V |
| C3-A | A&R | IF-S | CV | PA-C | PM |
| C3-B | D | IF-T | CV | PA-D | V |
| C3-C | D&R | N3-A | C | PA-E | G |
| C3-E | S7R | N3-B | C | PA-I | SM |
| C3-F | O7R | N3-C | C | PA-M | V |
| C3-G | C7R | N3-D | C | PA-N | M |
| C3-H | C8R | N3-E | C | PA-P | CM |
| C3-I | SA&R | N3-F | C | PA-Q | CM |
| GR-A | SG | N3-I | C | PA-R | CM |
| GR-B | OG | N3-M | C | PA-S | CM |
| IF-A | V | N3-N | C | PA-T | CM |
| IF-B | V | N3-P | C | SG-C | 4 |
| IF-C | M | N3-Q | C | SG-D | 5 |
| IF-D | V | N3-R | C | SG-E | 6 |
| IF-E | G | N3-S | C | SG-F | 7 |
| IF-F | OV | N3-T | C | SG-G | 8 |
| IF-I | SV | N3-W | A | | |
| IF-M | DV | NC-C | 4 | | |

Substructure Code Conversion Table

TABLE 8

A subrule may have a substructure code which has a space as the
first structure symbol. For example, the subrule (SE, RI1)-2 has the
substructure code " PM" with a space in front of "PM". The reason for
having a space is that when this subrule is used for the processing of
"arriving" for the participial construction, it is not still known whether
the participial phrase ("PM") depends upon "1" (declarative sentence),

"2" (interrogative sentence), or "3" (imperative sentence). After the whole input sentence is processed, and the type of the sentence is known, the space in front of "PM" will be replaced by "1", "2", or "3", as the case may be.

The subrule (PD, PRD)-0 has the substructure code of "*.". The symbol "*" is replaced by "1" or "3" according to whether the preceding sentence is declarative or imperative, respectively.

A subrule may have a substructure code preceded by "-". The sign "-" shows that the word class in question has introduced an adverbial floating structure which should be connected to the nearest higher-level structure of "V, G, M, X, P, A, 1, 2, 3, 4, 5, 6, 7, or 8".

A subrule may have a substructure code preceded by "/". The sign "/" shows that the word class in question has introduced a prepositional phrase which should be connected to the nearest preceding higher-level structure other than "R, X, ,(comma), D".

Each newly generated prediction in a subrule has a number called the "shifting code". A shifting code shows how many structure symbols should be retained from the substructure code (counting from the left) when the prediction to which it is attached is fulfilled and a new substructure code corresponding to this prediction is added on the right side of the retained structure symbols. For example, the prediction of "VX" in the subrule (SE, PRN)-0 has the shifting code of "1". When the prediction is fulfilled by VI1 (e.g., "go"), the subrule (VX, VI1)-0 gives the new substructure code "V", which is to be added to the right of the one retained structure symbol of "1S". Thus, the word form "go"

will be given the structure code of "1V", interpreted as the verb ("V")
which is dependent on a declarative sentence ("1"). The shifting code
of the "PD" prediction for the subrule (SE, PRN)-0 is "0", because when
the prediction is fulfilled by PRD in (PD, PRD)-0, the substructure code
"*." is obtained. Thus, the zero symbol is retained from the original sub-
structure code "1S" of (SE, PRN)-0. The asterisk is replaced by "1", so
that the period for the end of sentence receives the structure code of
"1.", interpreted as the period (".") dependent on a declarative sentence
("1").

In a subrule which accepts a floating structure, the shifting code
"Y" is assigned to a new prediction of a structure which is not dependent
upon the floating structure, but upon the fulfilled prediction. "Y" indi-
cates that the shifting code for the corresponding prediction should be
the same as that of the fulfilled prediction. More details of substructure
codes and shifting codes and of the way sentence structure diagrams are
obtained will be explained in our forthcoming Rpt. NSF-9.

Each subrule in the grammar has a set of structure codes in the
column "STRUCT, SHIFT CD". The set of such structure codes is a local
diagram that will be obtained when the English examples given in the
column "ENGLISH EXAMPLES" fulfill all the newly generated predictions.
For example, the subrule (MX, AV8)-0 shows that "too expensive gifts"
will be assigned a local diagram $\begin{bmatrix} SAD \\ SA \\ S \end{bmatrix}$ which will depend on a higher-level
clause structure in an over-all sentence structure diagram. These
structure codes are the expected output of the sentence structure dia-
gramming routine. What the diagramming routine utilizes out of each

subrule is the substructure code which appears on the same line as the argument pair and a set of shifting codes for the newly generated predictions.

## 9. Aids for Reference to the Grammar Table

The grammar table is accompanied by two tables: one (Appendix B) is a list of the distinct argument pairs in the grammar table, sorted on the word class codes. By using this table, one can determine what kind of predictions a given word class can initiate in the current English grammar. The second table (Appendix C) gives a list of argument pairs for each prediction in order to show in what subrules a given prediction is generated.

GRAMMAR TABLE

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 1X,AAA-0 | YY | 00100 | 4X-X | SUBJECT<br>MODIFIED SUBJECT | ●●●<br>SA<br>0 S | THERE ARE GIFTS,<br>BEAUTIFUL<br>GIFTS<br>,IMPORTED FROM<br>JAPAN |
| 1X,AAB-0 | YY | 00100 | 4X-X<br>88-A | SUBJECT<br>MODIFIED SUBJECT<br>THAN-CLAUSE | SA<br>0 S<br>1 SA8R<br>(SA8S)<br>(SA8V) | BETTER<br>GIFTS<br>THAN<br>WE<br>PRODUCE<br>,IMPORTED FROM<br>JAPAN |
| 1X,ADN-0 | YY | 00100 | C8-8<br>1X-X | SUBJECT<br>THAN (OF COMPARISON)<br>SUBJECT | SA<br>2 SAD<br>(SA)<br>0 S | MORE<br>THAN<br>TWENTY<br>GIFTS<br>,IMPORTED FROM<br>JAPAN |
| 1X,ADP-0 | YY | 00100 | PX-X | SUBJECT<br>NOUN SUBJECT | SA<br>0 S | SUCH<br>(BEAUTIFUL) GIFTS<br>,IMPORTED FROM<br>JAPAN |
| 1X,ADP-1 | YY | 00100 | PX-X<br>33-A | SUBJECT<br>NOUN SUBJECT<br>AS-CLAUSE | SA<br>0 S<br>1 SA8R<br>(SA8S) | SUCH<br>GIFTS<br>AS<br>THIS<br>,IMPORTED FROM<br>JAPAN |
| 1X,AV1-0 | AD | 00100 | ZM-E<br>DA-<br>7X-X | SUBJECT<br>COMMA,AND,OR (DRCP)<br>ADVERB<br>SUBJECT MASTER | -D<br>0 -+<br>0 -D<br>Y S | NOW<br>AND<br>THEN<br>PEOPLE<br>,ARRIVING FROM<br>JAPAN |
| 1X,AV1-1 | AD | 00100 | ZM-E<br>CA-<br>AR-A<br>4X-X | SUBJECT<br>COMMA,AND,OR (DRCP)<br>ADVERB<br>ARTICLE<br>MODIFIED SUBJECT | -D<br>0 -+<br>0 -D<br>Y SA<br>Y S | NOW<br>AND<br>THEN<br>THOSE<br>GIFTS<br>,IMPORTED FROM<br>JAPAN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 1X,AV1-2 | AD | 00100 | | SUBJECT | ••• SAD | THERE ARE GIFTS, EXTREMELY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 2 SA+ | AND |
| | | | DA- | ADVERB | 2 SAD | UNUSUALLY |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | BEAUTIFUL |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | GIFTS ,IMPORTED FROM JAPAN |
| 1X,AV3-0 | AB | 00100 | | SUBJECT | SAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | BEAUTIFUL |
| | | | PX-X | NOUN SUBJECT | 0 S | GIFTS |
| | | | 33-A | AS-CLAUSE | 1 SA8R (SA8S) | AS THESE ,IMPORTED FROM JAPAN |
| 1X,AV3-1 | AB | 00100 | | SUBJECT | SAD | AS |
| | | | A2-A | DISCONTINUOUS ADJ | 0 SA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 2 SAD (SA) | AS TWENTY |
| | | | 1X-X | SUBJECT | 0 S | GIFTS ,IMPORTED FROM JAPAN |
| 1X,AV5-0 | AD | 00100 | | SUBJECT | SAC | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 SA | EXPENSIVE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | GIFTS ,IMPORTED FROM JAPAN |
| 1X,AV5-1 | AD | 00100 | | SUBJECT | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | AR-A | ARTICLE | Y SA | THOSE |
| | | | 4X-X | MODIFIED SUBJECT | Y S | PRODUCTS ,IMPORTED FROM JAPAN |
| 1X,AV6-0 | AD | 00100 | | SUBJECT | -0 | MORE (OFTEN) |
| | | | 7X-X | SUBJECT MASTER | Y S | PEOPLE ,ARRIVING FROM JAPAN |
| 1X,AV6-1 | AD | 00100 | | SUBJECT | -D | MORE (OFTEN) |
| | | | AR-A | ARTICLE | Y SA | THOSE |
| | | | 4X-X | MODIFIED SUBJECT | Y S | PRODUCTS ,IMPORTED FROM JAPAN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 1X,AV6-2 | YY | 00100 | | SUBJECT | ••• SAD | THERE ARE GIFTS, MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | BEAUTIFUL |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | GIFTS ,IMPORTED FROM JAPAN |
| 1X,AV6-3 | AD | 00100 | | SUBJECT | -D | MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | AI-A | ADJECTIVE | 2 -D8C | NECESSARY |
| | | | 1X-X | SUBJECT | Y S | PRODUCTS ,IMPORTED FROM JAPAN |
| 1X,AV6-4 | AD | 00100 | | SUBJECT | -D | MORE (OFTEN) |
| | | | C8-C | CONJ OF COMPARISON C8 | 0 -D8R | THAN |
| | | | DA- | ADVERB | 2 -D8D | EVER |
| | | | 1X-X | SUBJECT | Y S | JADE ,IMPORTED FROM JAPAN |
| 1X,AV6-5 | YY | 00100 | | SUBJECT | SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | BEAUTIFUL |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | GIFTS |
| | | | 88-A | THAN-CLAUSE | 1 SA8R (SA8S) | THAN THAT ,IMPORTED FROM JAPAN |
| 1X,AV8-0 | YY | 00100 | | SUBJECT | SAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | EXPENSIVE |
| | | | MX-X | NOUN SUBJECT | 0 S | GIFTS ,IMPORTED FROM JAPAN |
| | | | | | ••• ••• | THERE IS NOTHING MORE PLEASANT THAN |
| 1X,8G1-0 | GS | 10010 | | SUBJECT | SG | BEING |
| | | | CB- | ADVERB AFTER BE1 | 2 SGD | HERE |
| 1X,8G1-1 | GS | 00001 | | SUBJECT | SG | BEING |
| | | | CB- | ADVERB AFTER BE1 | 2 SGD | HERE |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | TALKING (WITH YOU) |
| 1X,8G2-0 | GS | 10010 | | SUBJECT | SG | BEING |
| | | | AI-E | ADJECTIVE | 1 SC | HONEST |
| 1X,8G2-1 | GS | 10010 | | SUBJECT | SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 1 SC | (A) SUCCESS |

3

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREUS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MORE PLEASANT THAN |
| 1X,BG2-2 | GS | 00001 | | SUBJECT | SG | BEING |
| | | | AI-E | ADJECTIVE | 1 SC | HONEST |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | HELPING |
| | | | | | (SO) | OTHERS |
| 1X,BG2-3 | GS | 00001 | | SUBJECT | SG | BEING |
| | | | N3-F | NOUN COMPLEMENT | 1 SC | LEADERS |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | EXERCISING |
| | | | | | (SO) | AUTHORITY |
| 1X,BG3-0 | GS | 10010 | | SUBJECT | SGX | BEING |
| | | | PA-E | PARTICIPLE | 1 SG | LOVED |
| 1X,BG3-1 | GS | 00001 | | SUBJECT | SGX | BEING |
| | | | PA-E | PARTICIPLE | 1 SG | LOVED |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | LOVING |
| | | | | | ••• | THERE IS NC WAY, |
| 1X,CMA-0 | IN | 0010C | | SUBJECT | -, | , |
| | | | DA- | ADVERB | 0 -D | INDEED |
| | | | CN-R | COMMA | 0 -, | , |
| | | | 1X-X | SUBJECT | Y S | (NC) SCLUTICN |
| 1X,CMA-1 | IN | 00100 | | SUBJECT | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | 1X-X | SUBJECT | Y S | (NO) SOLUTION |
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MCRE UNCERTAIN THAN |
| 1X,CO1-0 | CO | 00000 | | SUBJECT | 4R | WHETHER |
| | | | SG-C | DECLARATIVE CLAUSE | 0 4S | SHE |
| | | | | | (4V) | IS LEAVING |
| | | | ZC-W | (A,B,) AND (C) (DROP) | 0 + | OR |
| | | | NC-C | NOUN CLAUSE | 0 4R | WHETHER |
| | | | | | (4S) | SHE |
| | | | | | (4V) | IS STAYING |
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MORE PLEASANT THAN |
| 1X,GI1-0 | GS | 10010 | | SUBJECT | SG | SWIMMING |
| 1X,GI1-1 | GS | 00001 | | SUBJECT | SG | SWIMMING |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | DIVING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | THERE IS NOTHING |
| | | | | | | ••• | MORE PLEASANT THAN |
| 1X,GI2-0 | GS | 10010 | | SUBJECT | | SG | BECOMING |
| | | | AI-E | ADJECTIVE | 1 | SC | BEAUTIFUL |
| 1X,GI2-1 | GS | 10010 | | SUBJECT | | SG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 1 | SC | PARENTS |
| 1X,GI2-2 | GS | 00001 | | SUBJECT | | SG | BECOMING |
| | | | AI-E | ADJECTIVE | 1 | SC | IRRESISTIBLE |
| | | | XC-A | (A,B,) AND (C) | 0 | + | AND |
| | | | GR-A | GERUND | 0 | SG | BEING LOVED |
| 1X,GI2-3 | GS | 00001 | | SUBJECT | | SG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 1 | SC | LEADERS |
| | | | XC-A | (A,B,) AND (C) | 0 | + | AND |
| | | | GR-A | GERUND | 0 | SG (SO) | EXERCISING AUTHORITY |
| 1X,GI3-0 | GS | 10010 | | SUBJECT | | SG | APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 2 | SGPR (SGPO) | FOR (A) JOB |
| 1X,GI3-1 | GS | 00001 | | SUBJECT | | SG | APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 2 | SGPR (SGPO) | FOR (A) JOB |
| | | | XC-A | (A,B,) AND (C) | 0 | + | AND |
| | | | GR-A | GERUND | 0 | SG (SO) | OBTAINING IT |
| 1X,GT1-0 | GS | 10010 | | SUBJECT | | SG | PLAYING |
| | | | N2-E | OBJECT | 1 | SO | CARDS |
| 1X,GT1-1 | GS | 00001 | | SUBJECT | | SG | PLAYING |
| | | | N2-E | OBJECT | 1 | SO | CARDS |
| | | | XC-A | (A,B,) AND (C) | 0 | + | AND |
| | | | GR-A | GERUND | C | SG (SO) | WINNING (THE) GAME |
| 1X,GT1-2 | GS | 00001 | | SUBJECT | | SG | SPEAKING |
| | | | XC-A | (A,B,) AND (C) | 1 | S+ | AND |
| | | | G1-A | GERUND OF VT1 | 0 | SG (SO) | WRITING ARMENIAN |
| 1X,GT2-0 | GS | 10010 | | SUBJECT | | SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 1 | SO | HIM |
| | | | N2-E | OBJECT | 1 | SO | HELP |

5

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MORE PLEASANT THAN |
| 1X,GT2-1 | GS | 00001 | | SUBJECT | SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | N2-E | OBJECT | 1 SO | HELP |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | ENCOURAGING |
| | | | | | (SO) | HIM |
| 1X,GT3-0 | GS | 10010 | | SUBJECT | SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HER |
| | | | AI-E | ADJECTIVE | 1 SC | HAPPY |
| 1X,GT3-1 | GS | 10010 | | SUBJECT | SG | HAVING |
| | | | AI-E | ADJECTIVE | 1 SC | AVAILABLE |
| | | | AR-C | ARTICLE | 1 SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 1 SO | DEVICES |
| 1X,GT3-2 | GS | 10010 | | SUBJECT | SG | APPOINTING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | N3-E | NOUN COMPLEMENT | 1 SC | PRESIDENT |
| 1X,GT3-3 | GS | 00001 | | SUBJECT | SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HER |
| | | | AI-E | ADJECTIVE | 1 SC | HAPPY |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | SHARING |
| | | | | | (SO) | (HER) JOY |
| 1X,GT3-4 | GS | 00001 | | SUBJECT | SG | HAVING |
| | | | AI-E | ADJECTIVE | 1 SC | AVAILABLE |
| | | | AR-C | ARTICLE | 1 SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 1 SO | DEVICES |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | USING |
| | | | | | (SO) | THEM |
| 1X,GT3-5 | GS | 00001 | | SUBJECT | SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 1 SO | THEM |
| | | | N3-E | NOUN COMPLEMENT | 1 SC | CONFORMERS |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | EXERCISING |
| | | | | | (SO) | CONFORMITY |
| 1X,GT4-0 | GS | 10C10 | | SUBJECT | SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 1 SO | CHILDREN |
| | | | EV-T | INFINITE VERB | 1 SCV | THINK |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MORE PLEASANT THAN |
| 1X,GT4-1 | GS | 00001 | | SUBJECT | SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 1 SO | CHILDREN |
| | | | BV-T | INFINITE VERB | 1 SCV | STUDY |
| | | | | | (SCO) | ENGLISH |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | C SG | TEACHING |
| | | | | | (SO) | THEM |
| 1X,GT5-0 | GS | 10010 | | SUBJECT | SG | SEEING |
| | | | NQ-E | NOUN OBJECT | 1 SO | LEAVES |
| | | | PA-T | PARTICIPLE | 1 SCM | FALLING |
| 1X,GT5-1 | GS | 00001 | | SUBJECT | SG | SEEING |
| | | | NQ-E | NOUN OBJECT | 1 SO | LEAVES |
| | | | PA-T | PARTICIPLE | 1 SCM | FALLING |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | HEARING |
| | | | | | (SO) | SQUIRRELS |
| | | | | | (SCV) | CHATTER |
| 1X,GT6-0 | GS | 10010 | | SUBJECT | SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | SPRING |
| | | | | | (S5V) | HAS COME |
| 1X,GT6-1 | GS | 10010 | | SUBJECT | SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 1 S5S | SPRING |
| | | | | | (S5V) | HAS COME |
| | | | ZM-W | COMMA,ANC,OR (DROP) | 1 S+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | WINTER |
| | | | | | (S5V) | HAS GONE |
| 1X,GT6-2 | GS | 00001 | | SUBJECT | SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | IT |
| | | | | | (S5V) | HAS HAPPENED |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | VERIFYING |
| | | | | | (SO) | IT |
| 1X,GT6-3 | GS | 00001 | | SUBJECT | SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 1 S5S | SPRING |
| | | | | | (S5V) | HAS COME |
| | | | ZM-W | COMMA,ANC,OR (DROP) | 1 S, | , |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | WINTER |
| | | | | | (S5V) | HAS GONE |
| | | | XC-A | (A,B,) ANC (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | SEEING |
| | | | | | (SO) | (GREEN) LEAVES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THERE IS NOTHING |
| | | | | | ••• | MORE PLEASANT THAN |
| 1X,GT7-0 | GS | 10010 | | SUBJECT | SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | HE |
| | | | | | (S5V) | SHOULD LEAVE |
| 1X,GT7-1 | GS | 10010 | | SUBJECT | SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 1 S5S | HE |
| | | | | | (S5V) | SHOULD COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 S+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | HE |
| | | | | | (S5V) | SHOULD WORK |
| 1X,GT7-2 | GS | 00001 | | SUBJECT | SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | HE |
| | | | | | (S5V) | SHOULD LEAVE |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | WATCHING |
| | | | | | (SO) | (HIS) REACTION |
| 1X,GT7-3 | GS | 00001 | | SUBJECT | SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 1 S5S | HE |
| | | | | | (S5V) | SHOULD COME |
| | | | ZM-W | COMMA,ANC,OR (DROP) | 1 S, | , |
| | | | NC-D | NOUN CLAUSE | 1 S5R | THAT |
| | | | | | (S5S) | HE |
| | | | | | (S5V) | SHOULD WORK |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SG | WATCHING |
| | | | | | (SO) | (HIS) REACTION |
| 1X,HVG-0 | GS | 10010 | | SUBJECT | SGX | HAVING |
| | | | PF-E | PERFECT PARTICIPLE | 1 SG | SPENT |
| | | | | | (SO) | (THE) DAY (THERE) |
| 1X,HVG-1 | GS | 10010 | | SUBJECT | SGX | HAVING |
| | | | IF-E | TO-INFINITIVE | 1 SGR | TO |
| | | | | | (SG) | REST |
| 1X,HVG-2 | GS | 00001 | | SUBJECT | SGX | HAVING |
| | | | PF-E | PERFECT PARTICIPLE | 1 SG | PARTICIPATED |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | GR-A | GERUND | 0 SGX | HAVING |
| | | | | | (SG) | WON |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 1X,HVG-3 | GS | 00001 |  | SUBJECT | ••• ••• SGX | THERE IS NOTHING MORE PLEASANT THAN HAVING |
|  |  |  | IF-E | TO-INFINITIVE | 1 SGR (SG) | TO WORK |
|  |  |  | XC-A | (A,B,) AND (C) | 0 + | AND |
|  |  |  | GR-A | GERUND | 0 SG (SO) | ENJOYING IT |
| 1X,IAV-0 | AD | 00001 |  | SUBJECT | ••• ••• 4D | THERE IS NOTHING MORE IMPORTANT THAN WHEN |
|  |  |  | 1Z-A | SUBJECT | 1 4S | HE |
|  |  |  | VZ-C | PREDICATE | 1 4V | COMES |
|  |  |  | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
|  |  |  | NC-C | NOUN CLAUSE | 0 4D (4S) (4V) | WHERE HE GOES |
| 1X,IAV-1 | AD | 00C01 |  | SUBJECT | 4D | WHEN |
|  |  |  | ZC-E | (A,B,) AND (C) (DROP) | 1 4+ | AND |
|  |  |  | ID- | INTERROG ADVERB | 1 4D | WHERE |
|  |  |  | 1Z-A | SUBJECT | 1 4S | HE |
|  |  |  | VZ-C | PREDICATE | 1 4V | ARRIVES |
| 1X,IAV-2 | AD | 00001 |  | SUBJECT | SD | WHERE |
|  |  |  | IF-I | TO-INFINITIVE | 0 SVR (SV) | TO GO |
|  |  |  | ZM-A | COMMA,ANC,OR (DROP) | 0 + | AND |
|  |  |  | NC-C | NOUN CLAUSE | 0 SO (SVR) (SV) | WHAT TO DO |
| 1X,IPN-0 | SV | 00C01 |  | SUBJECT | 4S | WHO |
|  |  |  | VC-C | PREDICATE | 1 4V | WINS |
|  |  |  | ZM-A | COMMA,ANC,OR (DRCP) | 0 + | AND |
|  |  |  | NC-C | NOUN CLAUSE | C 4S (4V) | WHO LOSES |
| 1X,IPN-1 | CV | 00001 |  | SUBJECT | 4C | WHO |
|  |  |  | 1Z-A | SUBJECT | 1 4S | HE |
|  |  |  | CZ-C | COPULA | 1 4V | IS |
|  |  |  | ZM-A | COMMA,ANC,OR (DRCP) | C + | AND |
|  |  |  | NC-C | NOUN CLAUSE | 0 4C (4S) (4V) | WHAT HE DOES |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | THERE IS NOTHING |
| | | | | | ●●● | MORE IMPORTANT THAN |
| 1X,IPO-0 | OV | 00001 | | SUBJECT | 40 | WHOM |
| | | | SF-C | DECLAR CL WITH NO OBJ | 0 4S | WE |
| | | | | | (4V) | ACCEPT |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 40 | WHOM |
| | | | | | (4S) | WE |
| | | | | | (4V) | REJECT |
| 1X,IPO-1 | OV | 00001 | | SUBJECT | SO | WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 0 SVR | TO |
| | | | | | (SV) | ACCEPT |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 SO | WHOM |
| | | | | | (SVR) | TO |
| | | | | | (SV) | REJECT |
| - - - | - | - - - | - - - | - - - - - - - - - - - - - - - - | - - - - | |
| | | | | | ●●● | THERE ARE PRODUCTS, |
| 1X,NNN-0 | YY | 10010 | | SUBJECT | S | MATERIALS |
| | | | | | | ,IMPORTED FROM |
| | | | | | | JAPAN |
| 1X,NNN-1 | YY | 10010 | | SUBJECT | S | BOOKS |
| | | | AP- | POST-POSITIONAL ADJ | 1 SA | WRITTEN (BY HIM) |
| | | | | | | ,GIVEN AWAY |
| 1X,NNN-2 | YY | 10010 | | SUBJECT | S | BOOKS |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S | HE |
| | | | | | (S7V) | WROTE |
| | | | | | | ,IMPORTED |
| 1X,NNN-3 | YY | 00C01 | | SUBJECT | S | BOOKS |
| | | | XD-A | (A) AND (B) | 0 + | AND |
| | | | MC-X | NOUN SUBJECT | 0 S | NOTEBOOKS |
| | | | | | | ,IMPORTED |
| 1X,NNN-4 | YY | 00001 | | SUBJECT | S | BOOKS |
| | | | CN-A | COMMA | 0 , | , |
| | | | MC-X | NOUN SUBJECT | 0 S | NOTEBOOKS |
| | | | XC-A | (A,B,) AND (C) | 0 + | (,) AND |
| | | | MC-X | NOUN SUBJECT | 0 S | PENCILS |
| | | | | | | ,IMPORTED |
| 1X,NNN-5 | YY | 10010 | | SUBJECT | S | BOOKS |
| | | | CN-A | COMMA | 0 , | , |
| | | | 1C-X | SUBJECT | 0 S | (MAINLY) TEXTBOOKS |
| | | | CN-A | COMMA | 0 , | , |
| | | | | | | ,GIVEN AWAY |
| - - - | - | - - - | - - - | - - - - - - - - - - - - - - - - | - - - - | |
| 1X,NOU-0 | YY | 00100 | | SUBJECT | SA | COLOR |
| | | | 7X-X | SUBJECT MASTER | 0 S | BOOKS |
| | | | | | | ,GIVEN AWAY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 1X,NOU-1 | YY | 00100 | | SUBJECT | ••• SA | THERE ARE PRODUCTS, COMMUNICATION |
| | | | CN-D | COMMA | 1 S, | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | ELECTRONIC |
| | | | | | (S+) | AND |
| | | | | | (SA) | ASTRONAUTICAL |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | INSTRUMENTS ,IMPORTED FROM JAPAN |
| 1X,NUM-0 | YY | 00100 | | SUBJECT | SA | TWO |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | BOOKS GIVEN AWAY |
| | | | | | ••• ••• ••• | HE WAS NOT BAFFLED, WHATEVER DIFFICULTIES |
| 1X,PRE-0 | PH | 00100 | | SUBJECT | /PR | AT |
| | | | NO-G | NOUN OBJECT | 1 /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | ANC |
| | | | DA- | ADVERB | 0 /D | ABROAD |
| | | | 1X-X | SUBJECT | Y S | HE DEALT WITH |
| 1X,PRE-1 | PH | 00100 | | SUBJECT | /PR | IN |
| | | | GR-B | GERUND | 1 /POG | EDITING |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | IN |
| | | | | | (/PCG) | WRITING |
| | | | 1X-X | SUBJECT | Y S | HE WAS GIVEN |
| 1X,PRE-2 | PH | 00100 | | SUBJECT | /PR | WITHIN |
| | | | CM-F | COMMA,ANC,OR | 1 /P+ | AND |
| | | | CP- | PREPCSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (HIS) HOME |
| | | | 1X-X | SUBJECT | Y S | HE DEALT WITH |
| | | | | | ••• ••• | NO ONE LCVES PEACE MORE THAN |
| 1X,PRN-0 | YY | 10010 | | SUBJECT | S | WE |
| 1X,PRN-1 | YY | 10010 | | SUBJECT | S | WE |
| | | | CN-O | COMMA | 1 S, | , |
| | | | AP- | POST-POSITIONAL ADJ | 1 SA | UNHAPPY (WITH WAR) |
| | | | CN-K | COMMA | 1 S, | , |
| 1X,PRN-2 | YY | 10010 | | SUBJECT | S | WE |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S | WHO |
| | | | | | (S7V) | KNOW |
| | | | | | (S70) | MISERIES (OF WAR) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | NO ONE LOVES PEACE |
| | | | | | ●●● | MORE THAN |
| 1X,PRN-3 | YY | 00001 | | SUBJECT | S | YOU |
| | | | XO-A | (A) AND (B) | Q ◆ | AND |
| | | | MC-X | NOUN SUBJECT | O S | I |
| | | | | | | |
| 1X,PRN-4 | YY | 00001 | | SUBJECT | S | YOU |
| | | | CN-A | COMMA | O , | , |
| | | | MC-X | NOUN SUBJECT | O S | (YOUR) FRIENDS |
| | | | XC-A | (A,B,) AND (C) | O ◆ | AND |
| | | | MC-X | NOUN SUBJECT | O S | I |
| | | | | | | |
| 1X,PRN-5 | YY | 10010 | | SUBJECT | S | WE |
| | | | CN-Q | COMMA | O , | , |
| | | | 1C-X | SUBJECT | O S | (THE)PEOPLE(OF ..) |
| | | | CN-R | COMMA | O , | , |
| 1X,PT1-0 | YY | 00100 | | SUBJECT | SA | WOUNDED |
| | | | 4X-X | MODIFIED SUBJECT | O S | SOLDIERS |
| 1X,RI1-0 | YY | 00100 | | SUBJECT | SA | FIGHTING |
| | | | 4X-X | MODIFIED SUBJECT | O S | SOLDIERS |
| | | | | | ●●● | TO TEACH IS MORE |
| | | | | | ●●● | DIFFICULT THAN |
| 1X,TOI-0 | IS | 10010 | | SUBJECT | SVR | TO |
| | | | BV-I | INFINITE VERB | O SV | LEARN |
| 1X,TOI-1 | IS | 00001 | | SUBJECT | SVR | TO |
| | | | BV-I | INFINITE VERB | O SV | LEARN |
| | | | CM-I | COMMA,AND,OR | O ◆ | AND |
| | | | IF-I | TO-INFINITIVE | O SVR | TO |
| | | | | | (SV) | UNDERSTAND |
| | | | | | ●●● | HE WILL BE ABLE TO |
| | | | | | ●●● | DO IT AS SKILLFULLY |
| 33,AV1-0 | AC | 00000 | | AS-CLAUSE | -D | NOW |
| | | | 2M-E | COMMA,AND,OR (DROP) | O -◆ | AND |
| | | | CA- | ADVERB | O -D | HERE |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8D) | BEFORE |
| | | | | | ●●● | IT WAS AS QUIET |
| | | | | | ●●● | OUT (THERE) |
| 33,AV2-1 | AC | 00000 | | AS-CLAUSE | -D | AND |
| | | | 2M-E | COMMA,AND,OR (DROP) | O -◆ | AND |
| | | | CA- | ADVERB | O -D | HERE |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8PR) | ON |
| | | | | | (D8PO) | (THE) MOUNTAIN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE WILL BE ABLE TO |
| | | | | | ••• | DO IT AS SKILLFULLY |
| 33,CMA-0 | IN | 00000 | | AS-CLAUSE | -, | , |
| | | | DA- | ADVERB | 0 -PR | BY |
| | | | | | (-PO) | HIMSELF |
| | | | CN-R | COMMA | 0 -, | , |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8C) | POSSIBLE |
| | | | | | | |
| 33,CMA-1 | IN | 00C00 | | AS-CLAUSE | -, | , |
| | | | | | | (IMPARTIALLY) |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | SPEAKING |
| | | | CN-R | COMMA | C -, | , |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8C) | POSSIBLE |
| | | | | | | |
| 33,C03-0 | CO | 00000 | | AS-CLAUSE | $ | AS |
| | | | AI-A | ADJECTIVE | 2 D8C | POSSIBLE |
| | | | | | | |
| 33,C03-1 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | PA-A | PARTICIPLE | 2 D8V | REQUIRED |
| | | | | | | |
| 33,C03-2 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | 1C-A | SUBJECT | 2 D8S | I |
| | | | | | | |
| 33,C03-3 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | CA- | ADVERB | 2 D8D | EVER |
| | | | | | | |
| 33,C03-4 | CC | C0C00 | | AS-CLAUSE | $ | AS |
| | | | VC-u | PREDICATE | 2 D8V | CAN BE EXPECTED |
| | | | | | | |
| 33,C03-5 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | 1Z-A | SUBJECT | 2 D8S | I |
| | | | hZ-G | PREDICATE WITH NO OBJ | 2 D8V | DID |
| | | | | | ••• | HE WILL BE AS |
| | | | | | ••• | CHARMING |
| 33,C03-6 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | 1Z-A | SUBJECT | 2 D8S | YOU |
| | | | CZ-G | COPULA | 2 C8V | ARE |
| | | | | | ••• | HE WILL BE ABLE TO |
| | | | | | ••• | DO IT AS SKILLFULLY |
| 33,C03-7 | CC | 00000 | | AS-CLAUSE | $ | AS |
| | | | 1Z-A | SUBJECT | 2 D8S | I |
| | | | LZ-G | AUXILIARY VERB | 2 D8VX | CAN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE WILL BE ABLE TO |
| | | | | | ••• | DO IT AS SKILLFULLY |
| 33,PRE-0 | PH | 00000 | | AS-CLAUSE | /PR | BY |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HAND |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | WITH |
| | | | | | (/PO) | SCISSORS |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8PR) | BY |
| | | | | | (U8PO) | (A) MACHINF |
| 33,PRE-1 | PH | 00000 | | AS-CLAUSE | /PR | BEFORE |
| | | | GR-B | GERUND | 1 /POG | LEARNING |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /8R | WHILE |
| | | | | | (/80G) | LEARNING |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8PR) | AFTER |
| | | | | | (D8POG) | LEARNING |
| 33,PRE-2 | PH | C0C00 | | AS-CLAUSE | /PR | WITH |
| | | | CM-F | COMMA,ANC,OR | 1 /P+ | OR |
| | | | CP- | PREPOSITIONAL PHR | 0 /PR | WITHOUT |
| | | | | | (/PO) | (YOUR) HELP |
| | | | 33-X | AS-CLAUSE | Y D8R | AS |
| | | | | | (D8V) | REQUIRED |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - | - - - - | - - - - |
| | | | | | ••• | HERE IS A |
| 4X,AAB-0 | YY | 00100 | | MODIFIED SUBJECT | SA | BETTER |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| 4X,AAB-1 | YY | 00100 | | MODIFIED SUBJECT | SA | BETTER |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| | | | 88-A | THAN-CLAUSE | 1 SA8R | THAN |
| | | | | | (SA8S) | YOURS |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - | - - - - | - - - - |
| 4X,ACJ-0 | YY | 0010C | | MODIFIED SUBJECT | SA | GOOD |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - | - - - - | - - - - |
| | | | | | ••• | HERE IS THE |
| 4X,ADL-0 | YY | 0010C | | MODIFIED SUBJECT | SA | SAME |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| 4X,ADL-1 | YY | .00100 | | MODIFIED SUBJECT | SA | SAME |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| | | | 33-A | AS-CLAUSE | 1 SA8R | AS |
| | | | | | (SA8S) | YOURS |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - | - - - - | - - - - |
| 4X,ADM-0 | YY | 00100 | | MODIFIED SUBJECT | SA | MOST |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | HOPE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 4X,ADO-0 | YY | 00100 | | MODIFIED SUBJECT | SA | *** HERE IS THE LITTLE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | HOPE |
| 4X,ADP-0 | YY | 00100 | | MODIFIED SUBJECT | SA | *** HERE ARE SEVERAL SUCH |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | PEOPLE |
| 4X,AV1-0 | YY | 00100 | | MODIFIED SUBJECT | SAD | *** HERE IS MY ECONOMICALLY |
| | | | ZM-E | COMMA,AND,OR (DRCP) | 2 SA+ | AND |
| | | | DA- | ADVERB | 2 SAD | EFFECTIVELY |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | PLANNED |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | DEVICE |
| 4X,AV6-0 | YY | 00100 | | MODIFIED SUBJECT | SAD | *** HERE IS A MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | ILLUSTRATIVE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| 4X,AV6-1 | YY | 00100 | | MODIFIED SUBJECT | SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | ILLUSTRATIVE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLE |
| | | | 88-A | THAN-CLAUSE | 1 SA8R (SA8S) | THAN YOURS |
| 4X,CMA-0 | YY | 00100 | | MODIFIED SUBJECT | S, | *** THE RED , |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA (S+) (SA) | WHITE AND BLUE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | FLOWERS ARE IN THE VASE |
| 4X,MMM-0 | YY | 10010 | | MODIFIED SUBJECT | S | *** HERE IS AN EXAMPLE |
| 4X,MMM-1 | YY | 10010 | | MODIFIED SUBJECT | S | EXAMPLE |
| | | | AP- | POST-POSITIONAL ADJ | 1 SA | ILLUSTRATIVE(OF..) |
| 4X,MMM-2 | YY | 10010 | | MODIFIED SUBJECT | S | EXAMPLE |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S (S7V) (S7C) | WHICH ILLUSTRATES (THE) CASE |
| 4X,MMM-3 | YY | 00001 | | MODIFIED SUBJECT | S | EXAMPLE |
| | | | XD-A | (A) AND (B) | 0 + | AND |
| | | | PC-X | NOUN SUBJECT | 0 S | CONCLUSION |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 4X,MMM-4 | YY | 0C001 | | MODIFIED SUBJECT | S | ••• HERE IS AN EXAMPLE |
| | | | CN-A | COMMA | 0 , | , |
| | | | MC-X | NOUN SUBJECT | 0 S | EXPLANATION |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | MC-X | NOUN SUBJECT | 0 S | CONCLUSION |
| 4X,MMM-5 | YY | 10010 | | MODIFIED SUBJECT | S | EXAMPLE |
| | | | CN-A | COMMA | 0 , | , |
| | | | 1C-X | SUBJECT | 0 S | (ENGLISH) WORDS |
| | | | CN-A | COMMA | 0 , | , |
| 4X,NO4-0 | YY | 00010 | | MODIFIED SUBJECT | S | ••• THE MOST CAN BE SAID (ABOUT THIS) |
| 4X,NO4-1 | YY | 00010 | | MODIFIED SUBJECT | S | MOST |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S (S7V) | THAT CAN BE SAID IS THIS |
| 4X,NOU-0 | YY | 0010C | | MODIFIED SUBJECT | SA | ••• THERE ARE SEVERAL STUDENTS |
| | | | 7X-X | SUBJECT MASTER | 0 S | ASSOCIATIONS |
| 4X,NOU-1 | YY | 0010C | | MODIFIED SUBJECT | SA | COMMUNICATION |
| | | | CN-D | COMMA | 1 S, | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA (S+) (SA) | ELECTRONIC AND ASTRONAUTICAL |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | COMPANIES |
| 4X,NUM-0 | YY | 0010C | | MODIFIED SUBJECT | SA | OTHER |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | EXAMPLES |
| 4X,PT1-0 | YY | 0010C | | MODIFIED SUBJECT | SA | WOUNDED |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | SOLDIERS |
| 4X,RI1-0 | YY | 0010C | | MODIFIED SUBJECT | SA | SINGING |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | BIRDS |
| 4X,XC0-0 | YY | C010C | | MODIFIED SUBJECT | S+ | ••• THERE IS A RED AND |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 SA | WHITE |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | FLOWER |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| 7X,GT1-0 | YY | 00100 | 7X-X | SUBJECT MASTER<br>SUBJECT MASTER | *** <br> SA <br> O S | LANGUAGE PROCESSING MECHANISMS WILL BE NEEDED |
| 7X,MMM-0 | YY | 10010 | | SUBJECT MASTER | S | TRANSLATION WILL BE NEEDED |
| 7X,MMM-1 | YY | 10010 | AP- | SUBJECT MASTER<br>POST-POSITIONAL ADJ | S<br>1 SPM | TRANSLATION PERFORMED (AUTOMATICALLY) WILL BE NEEDED |
| 7X,MMM-2 | YY | 10010 | AC- | SUBJECT MASTER<br>ADJECTIVE CLAUSE | S<br>1 S7S<br>(S7V) | TRANSLATION WHICH IS PERFORMED (AUTOMATICALLY) WILL BE NEEDED |
| 7X,MMM-3 | YY | 00001 | XC-A<br>PC-X | SUBJECT MASTER<br>(A) AND (B)<br>NOUN SUBJECT | S<br>C +<br>O S | ANALYSIS AND SYNTHESIS WILL BE NEEDED |
| 7X,MMM-4 | YY | 00001 | CN-A<br>PC-X<br>XC-A<br>PC-X | SUBJECT MASTER<br>COMMA<br>NOUN SUBJECT<br>(A,B,) AND (C)<br>NOUN SUBJECT | S<br>O ,<br>O S<br>O +<br>O S | ANALYZERS , TRANSFORMERS AND SYNTHESIZERS WILL BE NEEDED |
| 7X,MMM-5 | YY | 10010 | CN-A<br>1C-X<br>CN-A | SUBJECT MASTER<br>COMMA<br>SUBJECT<br>COMMA | S<br>O ,<br>C S<br>O , | ANALYZERS , (AUTOMATIC) ANALYZERS , WILL BE NEEDED |
| 7X,NCU-0 | YY | 00100 | 7X-X | SUBJECT MASTER<br>SUBJECT MASTER | SA<br>O S | TRANSLATION PROGRAM WILL BE NEEDED |
| 7X,NUM-0 | YY | 00100 | 4X-X | SUBJECT MASTER<br>MODIFIED SUBJECT | *** <br>SA<br>(SA)<br>O S | SPACE COMMUNICATIONS* GREAT DIFFICULTIES ARE TO BE CONSIDERED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | HE WILL BE ABLE TO |
| | | | | | ●●● | DO IT MCRE |
| | | | | | ●●● | SKILLFULLY |
| 88,AV1-0 | AD | 00000 | | THAN-CLAUSE | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -C | HERE |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8D) | BEFORE |
| 88,AV2-0 | AD | 00000 | | THAN-CLAUSE | -D | OUT (THERE) |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | HERE |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8D) | ELSEWHERE |
| 88,CMA-0 | IN | 00000 | | THAN-CLAUSE | -, | , |
| | | | DA- | ADVERB | 0 -PR | BY |
| | | | | | (-PO) | HIMSELF |
| | | | CN-R | COMMA | 0 -, | , |
| | | | 88-X | THAN-CLAUSE | Y $ | THAN |
| | | | | | (D8S) | ANYONE (ELSE) |
| 88,CMA-1 | IN | 00000 | | THAN-CLAUSE | -, | , |
| | | | | | | (IMPARTIALLY) |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8C) | ANYONE (ELSE) |
| 88,C08-0 | CO | 00000 | | THAN-CLAUSE | $ | THAN |
| | | | AI-A | ADJECTIVE | 2 D8C | NECESSARY |
| 88,C08-1 | CC | 00000 | | THAN-CLAUSE | $ | THAN |
| | | | PA-A | PARTICIPLE | 2 D8V | EXPECTED |
| 88,C08-2 | CO | 00C0C | | THAN-CLAUSE | $ | THAN |
| | | | 1C-A | SUBJECT | 2 D8S | ANYONE (ELSE) |
| 88,C08-3 | CO | 0000C | | THAN-CLAUSE | $ | THAN |
| | | | DA- | ADVERB | 2 D8D | BEFORE |
| 88,C08-4 | CC | 00000 | | THAN-CLAUSE | $ | THAN |
| | | | VC-G | PREDICATE | 2 D8V | CAN BE EXPECTED |
| 88,C08-5 | CC | 00000 | | THAN-CLAUSE | $ | THAN |
| | | | 1Z-A | SUBJECT | 2 D8S | I |
| | | | WZ-G | PREDICATE WITH NO OBJ | 2 D8V | DID |
| | | | | | ●●● | I AM OLDER |
| 88,C08-6 | CO | 0000C | | THAN-CLAUSE | $ | THAN |
| | | | 1Z-A | SUBJECT | 2 D8S | YOU |
| | | | CZ-G | COPULA | 2 D8V | ARE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE WILL BE ABLE TO |
| | | | | | ••• | DO IT MORE SKIL- |
| | | | | | ••• | FULLY |
| 88,CO8-7 | CO | 00000 | | THAN-CLAUSE | $ | THAN |
| | | | 1Z-A | SUBJECT | 2 D8S | I |
| | | | UZ-G | AUXILIARY VERB | 2 D8VX | CAN |
| | | | | | | |
| 88,PRE-0 | PH | 00000 | | THAN-CLAUSE | /PR | BY |
| | | | NO-G | NOUN OBJECT | 1 /PO | HAND |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | WITH |
| | | | | | (/PO) | SCISSORS |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8PR) | BY |
| | | | | | (D8PO) | (A) MACHINE |
| 88,PRE-1 | PH | 00000 | | THAN-CLAUSE | /PR | BEFORE |
| | | | GR-8 | GERUND | 1 /POG | LEARNING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | (EVEN) BEFORE |
| | | | | | (/POG) | KNOWING (ABOUT IT) |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8PR) | AFTER |
| | | | | | (D8POG) | LEARNING |
| 88,PRE-2 | PH | 00000 | | THAN-CLAUSE | /PR | WITH |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | OR |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | WITHOUT |
| | | | | | (/PO) | (YOUR) HELP |
| | | | 88-X | THAN-CLAUSE | Y D8R | THAN |
| | | | | | (D8S) | ANYONE (ELSE) |
| | | | | | | |
| | | | | | ••• | WE HAVE TOO |
| A1,ADJ-0 | YY | 00000 | | ATTRIBUTIVE ADJ | $ | DIFFICULT |
| | | | ZC-D | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | A1-X | ATTRIBUTIVE ADJ | 0 $ | LABORIOUS |
| | | | | | (0) | PROBLEMS |
| | | | | | | |
| A1,ADO-0 | YY | 00000 | | ATTRIBUTIVE ADJ | $ | MANY |
| | | | | | | PROBLEMS |
| | | | | | | |
| A1,AV1-0 | YY | 00000 | | ATTRIBUTIVE ADJ | $0 | THEORETICALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 1 $+ | AND |
| | | | DA- | ADVERB | 1 $0 | PRACTICALLY |
| | | | A1-X | ATTRIBUTIVE ADJ | 0 $ | DIFFICULT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| A1,NUM-0 | YY | 00000 | | ATTRIBUTIVE ADJ | *** $ | EACH CAN HAVE TWO, THREE |
| | | | XC-0 | (A,B,) AND (C) | 0 + | OR |
| | | | A1-X | ATTRIBUTIVE ADJ | 0 $ | FOUR |
| | | | | | | CANDIES |
| A1,PT1-0 | YY | 00000 | | ATTRIBUTIVE ADJ | *** $ | WE HAVE TOO COMPLICATED |
| | | | ZC-0 | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | A1-X | ATTRIBUTIVE ADJ | 0 $ | DIFFICULT |
| | | | | | | PROBLEMS |
| A1,RI1-0 | YY | 00000 | | ATTRIBUTIVE ADJ | $ | CHALLENGING |
| | | | ZC-0 | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | A1-X | ATTRIBUTIVE ADJ | 0 $ | DIFFICULT |
| | | | | | | PROBLEMS |
| A2,ADO-0 | DA | 00000 | | DISCONTINUOUS ADJ | *** $ | AS MANY AS TWENTY PEOPLE CAME |
| AC,AAA-C | SV | 00000 | | ADJECTIVE CLAUSE | *** *** | THIS IS THE MOUNTAIN THE |
| | | | 4Z-A | MODIFIED SUBJECT | 7SA | THE |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7S | WOMAN |
| | | | ZM-V | COMMA,AND,OR (DROP) | 1 7V | KNOWS |
| | | | AC- | ADJECTIVE CLAUSE | 0 + | AND |
| | | | | | 0 7O | WHICH |
| | | | | | (7S) | I |
| | | | | | (7V) | KNOW ALSO |
| AC,AAA-1 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | THE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | TOP |
| | | | DQ- | PREPOSITION | 2 7SPR | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7SPO | WHICH |
| | | | VZ-F | PREDICATE | 1 7V | IS COVERED WITH SNOW |
| AC,AAA-2 | OV | 00000 | | ADJECTIVE CLAUSE | 7OA | THE |
| | | | N5-A | MODIFIED OBJECT | 1 7O | TOP |
| | | | CQ- | PREPOSITION | 2 7OPR | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7OPO | WHICH |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S | YOU |
| | | | | | (7V) | CAN SEE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | IT WAS THE |
| | | | | | ••• | PERFORMANCE |
| AC,ADN-0 | SV | 00C00 | | ADJECTIVE CLAUSE | 7SAA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 3 7SAD | THAN |
| | | | 1Z-A | SUBJECT | 1 7SA | TWENTY |
| | | | | | (7S) | PEOPLE |
| | | | WZ-F | PREDICATE WITH NO CBJ | 1 7V | ATTENDED |
| AC,ADP-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | SUCH |
| | | | MZ-A | NOUN SUBJECT | 1 7S | PEOPLE |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7V | ATTENDED |
| AC,ADP-1 | SV | 00C0C | | ADJECTIVE CLAUSE | 7SA | SUCH |
| | | | PZ-A | NOUN SUBJECT | 1 7S | MEN |
| | | | C3-A | AS (OF CCMPARISON) | 2 7SABR | AS |
| | | | 1C-A | SUBJECT | 4 7SABS | HE |
| | | | WZ-F | PREDICATE WITH NO CBJ | 1 7V | ATTENDED |
| | | | | | ••• | THERE ARE MEN |
| AC,AV1-0 | AD | 00000 | | ADJECTIVE CLAUSE | -D | HERE |
| | | | ZM-E | COMMA,AND,OR (DRCP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | THERE |
| | | | AC- | ADJECTIVE CLAUSE | Y 7S | WHO |
| | | | | | (7V) | WANT (TO SEE YOU) |
| | | | | | ••• | IT WAS THE |
| | | | | | ••• | PERFORMANCE |
| AC,AV3-0 | AB | CCC00 | | ADJECTIVE CLAUSE | 7SAD | AS |
| | | | A2-A | DISCONTINUOUS ADJ | 1 7SA | MANY |
| | | | C3-B | AS (OF CCMPARISON) | 3 7SAD | AS |
| | | | 1Z-A | SUBJECT | 1 7SA | TWENTY |
| | | | | | (7S) | PEOPLE |
| | | | hZ-F | PREDICATE WITH NC OBJ | 1 7V | ATTENDED |
| AC,AV8-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SAD | TOC |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 7SA | MANY |
| | | | 1Z-A | SUBJECT | 1 7S | PEOPLE |
| | | | hZ-A | PREDICATE WITH NC OBJ | 1 7V | ATTENDED |
| AC,CMA-0 | IN | 00000 | | ADJECTIVE CLAUSE | , | , |
| | | | AC- | ADJECTIVE CLAUSE | C 7 | WHICH I ATTENDED |
| | | | CN-R | COMMA | 0 , | , |
| AC,C03-0 | CO | 00000 | | ADJECTIVE CLAUSE | 7R | AS |
| | | | PA-C | PARTICIPLE | 1 7M | GIVEN (LAST NIGHT) |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMCNIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •••  •••| IT WAS THE PERFORMANCE |
| AC,NNN-0 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | GIRLS |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | LIKE (TO ATTEND) |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7R | WHICH |
| | | | | | (7S) | BOYS |
| | | | | | (7V) | DO NOT LIKE |
| AC,NNN-1 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | PEOPLE |
| | | | AP- | POST-POSITIONAL ADJ | 2 7SM | LIVING (IN BOSTON) |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | LIKE |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | THOSE (IN N.Y.) |
| | | | | | (7V) | DO NOT LIKE |
| AC,NNN-2 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | PEOPLE |
| | | | AC- | ADJECTIVE CLAUSE | 2 7S7S | WHO |
| | | | | | (7S7V) | LIVE (IN BOSTON) |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | LIKE |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | PEOPLE (IN N.Y.) |
| | | | | | (7V) | DO NOT LIKE |
| AC,NNN-3 | SV | 00000 | | ADJECTIVE CLAUSE | 7S | BOYS |
| | | | XD-A | (A) AND (B) | 1 7+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 7S | GIRLS |
| | | | WC-F | PREDICATE WITH NO OBJ | 1 7V | LIKE |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | ADULTS |
| | | | | | (7V) | DO NOT LIKE |
| AC,NNN-4 | SV | 00000 | | ADJECTIVE CLAUSE | 7S | MARY |
| | | | CN-A | COMMA | 1 7, | , |
| | | | PC-A | NOUN SUBJECT | 1 7S | JUNE |
| | | | XC-A | (A,B) ANC (C) | 1 7+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 7S | BETTY |
| | | | WC-F | PREDICATE WITH NO OBJ | 1 7V | LIKE |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | TOM |
| | | | | | (7V) | DOES NOT LIKE |
| AC,NNN-5 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | MARY |
| | | | CN-A | COMMA | 1 7, | , |
| | | | 1C-A | SUBJECT | 1 7S | (MY) WIFE |
| | | | CN-A | COMMA | 1 7, | , |
| | | | WX-F | PREDICATE WITH NC OBJ | 1 7V | LIKES |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | I |
| | | | | | (7V) | DO NOT LIKE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| AC,NO4-0 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | *** | IT IS THE TOPIC |
| | | | | | | | MORE |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | | WILL BE BORED WITH |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | | NOTHING |
| | | | | | (7V) | | CAN BE DONE FOR.. |
| AC,NO4-1 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | | MOST |
| | | | DQ- | PREPOSITION | 2 7SPR | | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7SPO | | WHICH |
| | | | VX-F | PREDICATE | 1 7V | | IS |
| | | | | | (7C) | | FAMILIAR (TO YOU) |
| AC,NO4-2 | SV | 00000 | | ADJECTIVE CLAUSE | 70 | | MOST |
| | | | DQ- | PREPOSITION | 2 70PR | | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 70PO | | WHICH |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S | | YOU |
| | | | | | (7V) | | WROTE |
| AC,NOU-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | *** | IT IS THE WORK |
| | | | | | | | COMPUTER |
| | | | 7Z-A | SUBJECT MASTER | 1 7S | | PROGRAMMERS |
| | | | WZ-A | PREDICATE WITH NO OBJ | 1 7V | | DO |
| AC,NOU-1 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | *** | IT IS THE ALGORITHM |
| | | | | | | | COMPUTER |
| | | | 7Z-A | SUBJECT MASTER | 1 7S | | PROGRAMS |
| | | | CQ- | PREPOSITION | 2 7SPR | | FOR |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7SPO | | WHICH |
| | | | VZ-F | PREDICATE | 1 7V | | FAILED |
| AC,NOU-2 | OV | 00000 | | ADJECTIVE CLAUSE | 70A | | COMPUTER |
| | | | N8-A | OBJECT MASTER | 1 70 | | PROGRAMS |
| | | | CQ- | PREPOSITION | 2 70PR | | FOR |
| | | | LB- | RELATIVE PRONOUN ACC | 3 70PO | | WHICH |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S | | HE |
| | | | | | (7V) | | WROTE |
| AC,NOU-3 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | *** | IT IS THE WORK |
| | | | | | | | COMPUTER |
| | | | 7Z-A | SUBJECT MASTER | 1 7S | | PROGRAMMERS |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7V | | DO |
| | | | CM-V | COMMA,AND,OR | 0 + | | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | | OPERATORS |
| | | | | | (7V) | | DO NOT DO |
| AC,NUM-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | *** | IT IS THE BOOK |
| | | | | | | | TWO |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | | BOYS |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7V | | READ |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | | I (ALSO) |
| | | | | | (7V) | | READ |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| AC,NUM-1 | SV | 00000 | | | ●●● | IT IS THE BOOK |
| | | | | ADJECTIVE CLAUSE | 7SA | TWO |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | PAGES |
| | | | DQ- | PREPOSITION | 2 7SPR | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7SPO | WHICH |
| | | | VZ-F | PREDICATE | 1 7V | FELL (OUT) |
| AC,NUM-2 | OV | 00000 | | ADJECTIVE CLAUSE | 70A | TWO |
| | | | N5-A | MODIFIED OBJECT | 1 70 | PAGES |
| | | | DQ- | PREPOSITION | 2 70PR | OF |
| | | | LB- | RELATIVE PRONOUN ACC | 3 70PO | WHICH |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S | I |
| | | | | | (7V) | HAVE READ |
| AC,PRE-0 | PH | 00000 | | | ●●● | IT IS THE PRIZE |
| | | | | ADJECTIVE CLAUSE | 7VPR | FOR |
| | | | LB- | RELATIVE PRONOUN ACC | 3 7VPO | WHICH |
| | | | SG-F | DECLARATIVE CLAUSE | 0 7S | THEY |
| | | | | | (7V) | COMPETE |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7VPR | FOR |
| | | | | | (7VPO) | WHICH |
| | | | | | (7S) | THEY |
| | | | | | (7V) | DIE |
| AC,PRE-1 | PH | 00000 | | ADJECTIVE CLAUSE | PR | FOR |
| | | | LB- | RELATIVE PRONOUN ACC | 1 PO | WHICH |
| | | | IF-N | TO-INFINITIVE | 0 PVR | TO |
| | | | | | (PV) | COMPETE |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 PR | FOR |
| | | | | | (PO) | WHICH |
| | | | | | (PVR) | TO |
| | | | | | (PV) | DIE |
| AC,PRN-0 | SV | 01000 | | | ●●● | IT IS THE GHOST |
| | | | | ADJECTIVE CLAUSE | 7S | YOU |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | SAW |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | YOU |
| | | | | | (7V) | FOLLOWED |
| AC,PRN-1 | SV | 00000 | | ADJECTIVE CLAUSE | 7S | YOU |
| | | | XD-A | (A) AND (B) | 1 7+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 7S | I |
| | | | WC-F | PREDICATE WITH NO OBJ | 1 7V | SAW |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | OTHERS |
| | | | | | (7V) | DID NOT SEE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | IT IS THE GHOST |
| AC,PRN-2 | SV | 00000 | | ADJECTIVE CLAUSE | 7S | YOU |
| | | | CN-A | COMMA | 1 7, | , |
| | | | MC-A | NOUN SUBJECT | 1 7S | MARY |
| | | | XC-A | (A,B,) AND (C) | 1 7+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 7S | I |
| | | | WC-F | PREDICATE WITH NO OBJ | 1 7V | SAW |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | OTHERS |
| | | | | | (7V) | DID NOT SEE |
| | | | | | | |
| AC,PRN-3 | SV | 01000 | | ADJECTIVE CLAUSE | 7S | YOU |
| | | | CN-A | COMMA | 1 7, | , |
| | | | MC-A | NOUN SUBJECT | 1 7S | (THE) SCIENTIST |
| | | | CN-A | COMMA | 1 7, | , |
| | | | WX-F | PREDICATE WITH NO OBJ | 1 7V | SAW |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | OTHERS |
| | | | | | (7V) | DID NOT SEE |
| --- | --- | --- | --- | --- | --- | --- |
| AC,PT1-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | WOUNDED |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | SOLDIERS |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7V | SAW |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | OTHERS |
| | | | | | (7V) | DID NOT SEE |
| --- | --- | --- | --- | --- | --- | --- |
| | | | | | ••• | THEY ARE THE NOISES |
| AC,RI1-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | RUNNING |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | CARS |
| | | | WZ-F | PREDICATE WITH NO OBJ | 1 7V | MAKE |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | WHICH |
| | | | | | (7V) | BOTHER |
| | | | | | (70) | (THE) NEIGHBORS |
| --- | --- | --- | --- | --- | --- | --- |
| | | | | | ••• | THIS IS THE MAN |
| AC,RL1-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7S | WHO |
| | | | VC-F | PREDICATE | 1 7V | CAME |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | WHO ... |
| | | | | | | |
| AC,RL1-1 | CV | 00000 | | ADJECTIVE CLAUSE | 7C | THAT |
| | | | 1Z-A | SUBJECT | 1 7S | I |
| | | | CZ-F | COPULA | 1 7V | WAS (YESTERDAY) |
| | | | ZM-V | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7C | THAT |
| | | | | | (7S) | I |
| | | | | | (7V) | AM (TODAY) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| AC,RL2-0 | OV | 00000 | | ADJECTIVE CLAUSE | ••• 70 | THIS IS THE MAN WHOM |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S (7V) | I SAW |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | WHO ... |
| AC,RL5-0 | SV | 00000 | | ADJECTIVE CLAUSE | 7SA | WHOSE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 7S | FATHER |
| | | | VZ-F | PREDICATE | 1 7V | DIED |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | WHO ... |
| AC,RL5-1 | OV | 00000 | | ADJECTIVE CLAUSE | 70A | WHOSE |
| | | | N5-A | MODIFIED OBJECT | 1 70 | FATHER |
| | | | SF-F | DECLAR CL WITH NO OBJ | 0 7S (7V) | I KNOW |
| | | | ZM-V | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7S | WHO ... |
| AC,RL6-0 | AD | 00000 | | ADJECTIVE CLAUSE | ••• 7VD | THIS IS THE PLACE WHERE |
| | | | 1Z-A | SUBJECT | 1 7S | I |
| | | | VZ-F | PREDICATE | 1 7V | WORK |
| AC,RL6-1 | AD | 00C00 | | ADJECTIVE CLAUSE | 7VD | WHERE |
| | | | 1Z-A | SUBJECT | 1 7S | I |
| | | | VZ-A | PREDICATE | 1 7V | WORK |
| | | | CM-V | COMMA,AND,OR | 0 + | AND |
| | | | AC- | ADJECTIVE CLAUSE | 0 7VD | WHERE ... |
| AI,AAB-0 | YY | 00C00 | | ADJECTIVE | ••• $ | THEY ARE BETTER |
| | | | ZC-D | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | AI-X | ADJECTIVE | 0 $ | CHEAPER |
| AI,AAB-1 | YY | 00000 | | ADJECTIVE | $ | BETTER |
| | | | 88-H | THAN-CLAUSE | 0 C8R ($8S) | THAN YOU |
| AI,ADJ-0 | YY | 00000 | | ADJECTIVE | $ | BEAUTIFUL |
| | | | ZC-D | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | AI-X | ADJECTIVE | 0 $ | LOVELY |
| AI,AV1-0 | AD | 00000 | | ADJECTIVE | $D | EXTREMELY |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 1 $+ | AND |
| | | | CA- | ADVERB | 1 $C | UNUSUALLY |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THEY ARE |
| AI,AV3-0 | AB | 00000 | | ADJECTIVE | $D | AS |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |
| | | | 33-H | AS-CLAUSE | 0 C8R | AS |
| | | | | | (C8S) | SHE |
| AI,AV3-1 | AB | 00000 | | ADJECTIVE | $D | AS |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |
| | | | C3-H | AS (OF COMPARISON) | 0 C8R | AS |
| | | | 1Z-A | SUBJECT | 2 C8S | THEY |
| | | | VZ-G | PREDICATE | 2 C8V | ARE |
| | | | | | (C8C) | INTELLIGENT |
| AI,AV5-0 | AD | 00000 | | ADJECTIVE | $D | VERY |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |
| AI,AV6-0 | AB | 00000 | | ADJECTIVE | $D | MORE |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |
| AI,AV6-1 | AB | 00000 | | ADJECTIVE | $D | MORE |
| | | | AI-X | ADJECTIVE | 0 $ | BEAUTIFUL |
| | | | 88-H | THAN-CLAUSE | 0 C8R | THAN |
| | | | | | ($8S) | SHE |
| AI,AV6-2 | AB | 00000 | | ADJECTIVE | $D | MORE |
| | | | AI-X | ADJECTIVE | 0 $ | PRETTY |
| | | | C8-H | THAN (OF COMPARISON) | 0 C8R | THAN |
| | | | 1Z-A | SUBJECT | 2 C8S | SHE |
| | | | VZ-G | PREDICATE | 2 C8V | IS |
| | | | | | (C8C) | BEAUTIFUL |
| AI,AV8-0 | AD | 00C00 | | ADJECTIVE | $D | TOO |
| | | | AI-X | ADJECTIVE | 0 $ | DIFFICULT |
| AI,CMA-0 | IN | 00C00 | | ADJECTIVE | -, | , |
| | | | CA- | ADVERB | 0 -D | NATURALLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | AI-X | ADJECTIVE | Y $ | BEAUTIFUL |
| AI,CMA-1 | IN | 00000 | | ADJECTIVE | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | AI-X | ADJECTIVE | Y $ | STUPID |
| | | | | | ••• | THEY ARE |
| AI,PRE-0 | PH | 00000 | | ADJECTIVE | /PR | ABOVE |
| | | | NO-G | NOUN OBJECT | 1 /PO | ALL |
| | | | AI-X | ADJECTIVE | Y $ | BEAUTIFUL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| AI,PRE-1 | PH | 00000 | | ADJECTIVE | ••• /PR | THEY ARE IN |
| | | | GR-B | GERUND | 1 /POG | WORKING |
| | | | AI-X | ADJECTIVE | Y $ | (VERY) CONSISTENT |
| AP,ADJ-0 | PA | 00000 | | POST-POSITIONAL ADJ | ••• A | I WANT SOMETHING COLD |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | SWEET |
| AP,ADK-0 | PA | 00000 | | POST-POSITIONAL ADJ | A | COLDER |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | SWEETER |
| AP,ADK-1 | PA | 00000 | | POST-POSITIONAL ADJ | A | COLDER |
| | | | 88-A | THAN-CLAUSE | 0 A8R (A8S) | THAN THIS |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | SWEETER ... |
| AP,ADP-0 | PA | 00000 | | POST-POSITIONAL ADJ | A | SUCH |
| | | | C3-A | AS (OF COMPARISON) | 0 A8R | AS |
| | | | 1C-A | SUBJECT | 2 A8S | THIS |
| AP,AV1-0 | AD | 00000 | | POST-POSITIONAL ADJ | D | EXTREMELY |
| | | | ZM-E | COMMA,AND,OR | 1 A+ | AND |
| | | | CA- | ADVERB | 1 AD | UNUSUALLY |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | COLD |
| AP,AV3-0 | AB | 00000 | | POST-POSITIONAL ADJ | D | AS |
| | | | A1-D | ATTRIBUTIVE ADJ | 0 A | BEAUTIFUL |
| | | | 33-A | AS-CLAUSE | 0 A8R (A8S) | AS THIS |
| AP,AV5-0 | AD | 00000 | | POST-POSITIONAL ADJ | D | VERY |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | BEAUTIFUL |
| AP,AV6-0 | AB | 00000 | | POST-POSITIONAL ADJ | D | MORE |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | BEAUTIFUL |
| AP,AV6-1 | AB | 00000 | | POST-POSITIONAL ADJ | D | MORE |
| | | | A1-D | ATTRIBUTIVE ADJ | 0 A | BEAUTIFUL |
| | | | 88-A | THAN-CLAUSE | 0 A8R (A8S) | THAN THIS |
| AP,AV8-0 | AD | 00000 | | POST-POSITIONAL ADJ | D | TOO |
| | | | AP- | POST-POSITIONAL ADJ | 0 A | DIFFICULT |

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|---|---|---|---|---|---|---|---|
| | | | | | | *** | THIS SYSTEM IS OF |
| | | | | | | *** | MILITARY INTEREST, |
| AP,BR2-0 | PP | 00000 | | POST POSITIONAL ADJ | | PM | BEING |
| | | | AI-C | ADJECTIVE | 1 | PC | INCAPABLE (OF...) |
| AP,BR2-1 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | BEING |
| | | | N3-C | NOUN COMPLEMENT | 1 | PC | (A) TOOL (FOR) |
| | | | | | | *** | THIS IS THE METHOD |
| AP,BR3-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PMX | BEING |
| | | | PA-C | PARTICIPLE | 0 | PM | DEVELOPED |
| | | | ZM-G | COMMA,AND,OR (DRCP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PMX | BEING |
| | | | | | | (PM) | PUT (TO USE) |
| AP,PI1-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | CONCEIVED |
| | | | DQ- | PREPOSITION | 2 | PMPR | OF |
| | | | ZM-G | COMMA,ANC,OR (DRCP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | DEVELOPED |
| AP,PI3-0 | PP | 00000 | | POST-PCSITIONAL ADJ | | PM | LOCKED |
| | | | DQ- | PRECPSITION | 2 | PMPR | FOR |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-PCSITIONAL ADJ | 0 | PM | FOUND |
| AP,PT1-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | FOUND |
| | | | ZM-G | COMMA,ANC,OR (DROP) | C | + | AND |
| | | | AP- | POST-POSITICNAL ACJ | 0 | PM | TESTED |
| AP,PT2-0 | PP | 00000 | | POST-POSITICNAL ACJ | | PM | TAUGHT |
| | | | N2-C | OBJECT | 1 | PO | US |
| | | | ZM-G | COMMA,ANC,OR.(DRCP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | EXTENDED (BY US) |
| | | | | | | *** | THIS IS THE METHOD |
| AP,PT3-C | PP | 00000 | | POST-POSITIONAL ADJ | | PM | FOUND |
| | | | AI-C | ADJECTIVE | 1 | PC | USEFUL |
| | | | ZM-G | COMMA,ANC,CR (DROP) | 0 | + | ANC |
| | | | AP- | POST-POSITIONAL ACJ | 0 | PM | APPLIED TO ... |
| | | | | | | *** | THIS IS THE MAN |
| AP,PT3-1 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | APPOINTED |
| | | | N3-C | NOUN COMPLEMENT | 1 | PC | PRESIDENT |
| | | | ZM-G | COMMA,AND,OR (DRCP) | 0 | + | AND |
| | | | AP- | PUST-POSITICNAL ACJ | 0 | PM | SENT (TO BANGOR) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| AP,PT4-0 | PP | 00000 | | | *** | THIS IS THE MAN |
| | | | | POST-POSITIONAL ADJ | PM | MADE |
| | | | IF-R | TO-INFINITIVE | 1 PCVR | TO |
| | | | | | (PCV) | GO |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | FORCED (TO DO ...) |
| AP,PT5-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | FOUND |
| | | | PA-R | PARTICIPLE | 1 PCM | SLEEPING |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | PUNISHED |
| AP,PT7-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | TOLD |
| | | | NC-D | NOUN CLAUSE | 1 P5R | THAT |
| | | | | | (P5S) | HE |
| | | | | | (P5V) | WAS |
| | | | | | (P5C) | WRONG |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | FIRED |
| AP,PT7-1 | PP | 00000 | | POST-POSITIONAL ADJ | PM | TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 1 P5S | HE |
| | | | | | (P5V) | WAS |
| | | | | | (P5C) | WRONG |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 P+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 P5R | THAT |
| | | | | | (P5S) | SHE |
| | | | | | (P5V) | WAS |
| | | | | | (P5C) | RIGHT |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | FIRED ... |
| AP,RI1-0 | PP | 00C00 | | POST-POSITIONAL ADJ | PM | WORKING |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | STAYING (HERE) |
| AP,RI2-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | BECOMING |
| | | | AI-C | ADJECTIVE | 1 PC | OLD |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | FEELING |
| | | | | | (PC) | WEAK |
| AP,RI2-1 | PP | 00000 | | POST-POSITIONAL ADJ | PM | BECOMING |
| | | | N3-C | NOUN COMPLEMENT | 1 PC | PRESIDENT |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | WORKING (HARD) |

3C

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| AP,RI3-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | LOOKING |
| | | | OP- | PREPOSITIONAL PHR | 2 PMPR (PMPO) | FOR (A) JOB |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | TRAVELLING ... |
| AP,RT1-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | READING |
| | | | N2-C | OBJECT | 1 PO | BOOKS |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | WRITING ... |
| AP,RT1-1 | PP | 00000 | | POST-POSITIONAL ADJ | PM | READING |
| | | | XC-G | (A,B,) AND (C) | 1 P✦ | AND |
| | | | R1-N | PARTICIPLE VT1 | 1 PM (PO) | WRITING LETTERS |
| AP,RT2-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | TEACHING |
| | | | NQ-C | NOUN OBJECT | 1 PO | HER |
| | | | N2-C | OBJECT | 1 PO | ENGLISH |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | WORKING ... |
| AP,RT3-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | MAKING |
| | | | NQ-C | NOUN OBJECT | 1 PO | ME |
| | | | AI-C | ADJECTIVE | 1 PC | HAPPY |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | LETTING (ME WORK) |
| AP,RT3-1 | PP | 0000C | | POST-POSITIONAL ADJ | PM | HAVING |
| | | | AI-C | ADJECTIVE | 1 PC | AVAILABLE |
| | | | AR-C | ARTICLE | 1 POA | THESE |
| | | | N5-C | MODIFIED OBJECT | 1 PO | DEVICES |
| | | | ZM-G | COMMA,ANC,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | USING (THEM FOR..) |
| AP,RT3-2 | PP | 00000 | | POST-POSITIONAL ADJ | PM | APPOINTING |
| | | | NQ-C | NOUN OBJECT | 1 PO | HIM |
| | | | N3-C | NOUN COMPLEMENT | 1 PC | ASSISTANT |
| | | | ZM-G | COMMA,ANC,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | USING (HIM AS ...) |
| AP,RT4-0 | PP | 00000 | | POST-POSITIONAL ADJ | PM | MAKING |
| | | | NQ-C | NOUN OBJECT | 1 PO | HIM |
| | | | BV-R | INFINITE VERB | 1 PCV | GO |
| | | | ZM-G | COMMA,ANC,OR (DROP) | 0 ✦ | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 PM | KEEPING(HER AS ..) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| AP,RT5-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | ••• THIS IS THE MAN KEEPING |
| | | | NQ-C | NOUN OBJECT | 1 | PO | (THE) MACHINE |
| | | | PA-R | PARTICIPLE | 1 | PCM | GOING |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | WATCHING ... |
| AP,RT6-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | ••• IT IS THE LETTER SAYING |
| | | | NC-D | NOUN CLAUSE | 1 | P5R | THAT |
| | | | | | | (P5S) | HE |
| | | | | | | (P5V) | FAILED |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | ASKING ... |
| AP,RT6-1 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | SAYING |
| | | | SG-D | DECLARATIVE CLAUSE | 1 | P5S | HE |
| | | | | | | (P5V) | FAILED |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 | P+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 | P5R | THAT |
| | | | | | | (P5S) | HE |
| | | | | | | (P5V) | SHOULD RESIGN |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | , | , (AND) |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | ASKING ... |
| AP,RT7-0 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 1 | PO | HIM |
| | | | NC-D | NOUN CLAUSE | 1 | P5S | WHAT |
| | | | | | | (P5V) | HAD HAPPENED |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | REVEALING ... |
| AP,RT7-1 | PP | 00000 | | POST-POSITIONAL ADJ | | PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 1 | PO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 1 | P5S | HE |
| | | | | | | (P5V) | HAD WORKED |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 | P+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 | P5R | THAT |
| | | | | | | (P5S) | HE |
| | | | | | | (P5V) | HAD SUCCEEDED |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PM | ASKING ... |
| AP,TOI-0 | AI | 00000 | | POST-POSITIONAL ADJ | | PVR | TO |
| | | | BW-N | INF VERB WITH NO OBJ | 0 | PV | WRITE |
| | | | ZM-G | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | AP- | POST-POSITIONAL ADJ | 0 | PVR | TO |
| | | | | | | (PV) | MAIL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| AR,ART-0 | YY | 00000 | | ARTICLE | ••• $ | I HAVE AVAILABLE THESE DEVICES |
| AR,AV1-0 | AD | 00000 | | ARTICLE | -D | HERE |
| | | | AR-X | ARTICLE | Y $ | THESE DEVICES |
| AR,PRE-0 | PH | 00000 | | ARTICLE | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HAND |
| | | | AR-X | ARTICLE | Y $ | THESE DEVICES |
| B1,AV1-0 | AD | 00000 | | INFINITE VT1 | ••• -D | HE WILL READ AND CAREFULLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | DECISIVELY |
| | | | B1-X | INFINITE VT1 | Y $ | CORRECT |
| | | | | | (0) | PAPERS |
| B1,AV5-0 | AD | 00000 | | INFINITE VT1 | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | CAREFULLY |
| | | | B1-X | INFINITE VT1 | Y $ | CORRECT |
| | | | | | (0) | PAPERS |
| B1,B13-0 | YY | 00000 | | INFINITE VT1 | $X | BE |
| | | | R1-X | PARTICIPLE VT1 | Y $ | ENCOURAGED |
| | | | | | ($PR) | BY |
| | | | | | ($PO) | (THE) PAPER |
| B1,CMA-0 | IN | 00000 | | INFINITE VT1 | -, | , |
| | | | CA- | ADVERB | 0 -D | ALSO |
| | | | CN-R | COMMA | 0 -, | , |
| | | | B1-X | INFINITE VT1 | Y $ | CORRECT |
| | | | | | (0) | PAPERS |
| B1,CMA-1 | IN | 00000 | | INFINITE VT1 | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | B1-X | INFINITE VT1 | Y $ | CRITICIZE |
| | | | | | (0) | (THE) PAPER |
| B1,II1-0 | YY | 00000 | | INFINITE VT1 | $ | QUOTE |
| | | | CP- | PREPOSITIONAL PHR | 1 $PR | FROM |
| | | | | | ($PO) | (THE) PAPER |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| B1,II1-1 | YY | 00000 | | INFINITE VT1 | ••• $ | HE WILL READ AND QUOTE |
| | | | DQ- | PREPOSITION | 1 $PR | FROM |
| | | | CM-I | COMMA,AND,OR | Y + | AND |
| | | | B1-X | INFINITE VT1 | Y $ | COMMENT |
| | | | | | ($PR) | ON |
| | | | | | ($PO) | (THE) PAPER |
| B1,II3-0 | YY | 00000 | | INFINITE VT1 | $ | COMMENT |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | ON |
| | | | | | ($PO) | (THE) PAPER |
| B1,II3-1 | YY | 0OCOC | | INFINITE VT1 | $ | COMMENT |
| | | | CQ- | PREPOSITION | 1 $PR | ON |
| | | | CM-I | COMMA,ANC,OR | Y + | AND |
| | | | B1-X | INFINITE VT1 | Y $ | QUOTE |
| | | | | | ($PR) | FROM |
| | | | | | ($PO) | (THE) PAPER |
| B1,IT1-0 | YY | 0OCOC | | INFINITE VT1 | $ | CORRECT |
| | | | N2-X | OBJECT | 0 0 | PAPERS |
| B1,IT1-1 | YY | 00000 | | INFINITE VT1 | $ | CORRECT |
| | | | CM-I | COMMA,AND,OR | Y + | AND |
| | | | B1-X | INFINITE VT1 | Y $ | REFINE |
| | | | | | (0) | (THE) PAPER |
| BV,AV1-0 | AC | 00000 | | INFINITE VERB | ••• -D | HE WILL CLEARLY |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | BRIEFLY |
| | | | BV-X | INFINITE VERB | Y $ | EXPLAIN |
| BV,AV3-0 | AB | 00C00 | | INFINITE VERB | -DD | AS |
| | | | CA- | ADVERB | 0 -D | CLEARLY |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8C) | POSSIBLE |
| | | | BV-X | INFINITE VERB | Y $ | EXPLAIN |
| BV,AV5-0 | AD | 0OCOC | | INFINITE VERB | -DD | NO |
| | | | DA- | ADVERB | 0 -D | LONGER |
| | | | BV-X | INFINITE VERB | Y $ | WORK (HERE) |
| BV,BI1-0 | YY | 0OCOC | | INFINITE VERB | $ | BE |
| | | | CB- | ADVERB AFTER BE1 | 1 $D | BACK |
| | | | ZM-I | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | BV-X | INFINITE VERB | Y $ | STAY (HERE) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | **●●●** | HE WILL |
| BV,BI2-0 | YY | 00000 | | INFINITE VERB | $ | BE |
| | | | AI-X | ADJECTIVE | O C | SICK |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BV-X | INFINITE VERB | Y $ | STAY (HOME) |
| BV,BI2-1 | YY | 00000 | | INFINITE VERB | $ | BE |
| | | | N3-X | NOUN COMPLEMENT | O C | (A) TEACHER |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BV-X | INFINITE VERB | Y $ | WORK ... |
| | | | | | **●●●** | THE REASON WILL |
| BV,BI2-2 | YY | 00000 | | INFINITE VERB | $ | BE |
| | | | NC-E | NOUN CLAUSE | O 6R | THAT |
| | | | | | (6S) | HE |
| | | | | | (6V) | IS |
| | | | | | (6C) | SICK |
| BV,BI2-3 | YY | 00000 | | INFINITE VERB | $ | BE |
| | | | SG-E | DECLARATIVE CLAUSE | O 6S | HE |
| | | | | | (6V) | WAS BORED |
| | | | ZM-W | COMMA,AND,OR (DROP) | O + | AND |
| | | | NC-E | NOUN CLAUSE | O 6R | THAT |
| | | | | | (6S) | HE |
| | | | | | (6V) | HAS FOUND |
| | | | | | (6O) | (A NEW) INTEREST |
| | | | | | **●●●** | HE WILL |
| BV,BI3-0 | YY | 00000 | | INFINITE VERB | $X | BE |
| | | | PA-X | PARTICIPLE | O $ | KILLED |
| | | | ZP-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BV-X | INFINITE VERB | Y $ | BE BURIED |
| BV,CMA-0 | IN | 00000 | | INFINITE VERB | -, | . |
| | | | CA- | ADVERB | O -PR | OF |
| | | | | | (-PO) | COURSE |
| | | | CN-R | COMMA | O -, | , |
| | | | BV-X | INFINITE VERB | Y $ | SUCCEED |
| BV,CMA-1 | IN | 00000 | | INFINITE VERB | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | O -, | , |
| | | | BV-X | INFINITE VERB | Y $ | FAIL |
| BV,HVI-0 | YY | COCOO | | INFINITE VERB | $X | HAVE |
| | | | PF-X | PERFECT PARTICIPLE | O $ | FAILED (BY ...) |
| | | | ZP-I | COMMA,AND,OR (DROP) | O + | AND |
| | | | BV-X | INFINITE VERB | O $ | BE EXPELLED |
| BV,HVI-1 | YY | COCOO | | INFINITE VERB | $X | HAVE |
| | | | IF-X | TO-INFINITIVE | O $R | TO |
| | | | | | (V) | COME |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | HE WILL |
| BV,II1-0 | YY | 00000 | | INFINITE VERB | | $ | COME |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | WORK |
| | | | | | | | |
| BV,II1-1 | YY | 00000 | | INFINITE VERB | | $ | COME |
| | | | PA-C | PARTICIPLE | 1 | $PM | RUNNING |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | SAY |
| | | | | | | | |
| BV,II2-0 | YY | 00000 | | INFINITE VERB | | $ | BECOME |
| | | | AI-X | ADJECTIVE | 0 | C | ENTHUSIASTIC |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | WORK (HARD) |
| | | | | | | | |
| BV,II2-1 | YY | 00000 | | INFINITE VERB | | $ | BECOME |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | PRESIDENT |
| | | | ZM-I | COMMA,AND,OR (DRCP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | WORK (EFFECTIVELY) |
| | | | | | | | |
| BV,II3-0 | YY | 00000 | | INFINITE VERB | | $ | RELY |
| | | | OP- | PREPOSITIONAL PHR | 1 | $PR | ON |
| | | | | | | ($PO) | ME |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | SUCCEED |
| | | | | | | | |
| BV,IT1-0 | YY | 00000 | | INFINITE VERB | | $ | LIKE |
| | | | N2-X | OBJECT | 0 | 0 | (THE) PLACE |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITF VERB | Y | $ | REMAIN (FOR EVER) |
| | | | | | | | |
| PV,IT1-1 | YY | 00000 | | INFINITE VERB | | $ | NEGLECT |
| | | | CM-I | COMMA,AND,OR | Y | + | AND |
| | | | B1-X | INFINITE VT1 | Y | $ | DESPISE |
| | | | | | | (O) | ME |
| | | | | | | | |
| BV,IT2-0 | YY | 00000 | | INFINITE VERB | | $ | TEACH |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | ME |
| | | | N2-X | OBJECT | 0 | 0 | ENGLISH |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | LEARN (HIMSELF) |
| | | | | | | | |
| BV,IT3-0 | YY | 00C00 | | INFINITE VERB | | $ | MAKE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | ME |
| | | | AI-X | ADJECTIVE | 0 | C | HAPPY |
| | | | ZM-I | COMMA,ANC,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | BE |
| | | | | | | (C) | HAPPY (TOO) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | HE WILL |
| BV,IT3-1 | YY | 00000 | | INFINITE VERB | $ | | HAVE |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | AR-C | ARTICLE | 0 | OA | THESE |
| | | | N5-X | MODIFIED OBJECT | 0 | O | DEVICES |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | USE |
| | | | | | (O) | | THEM (FOR ...) |
| BV,IT3-2 | YY | 00000 | | INFINITE VERB | $ | | APPOINT |
| | | | NO-X | NOUN OBJECT | 0 | O | HER |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | CHAIRMAN |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | HOPE (FOR ...) |
| BV,IT4-0 | YY | 00000 | | INFINITE VERB | $ | | MAKE |
| | | | NO-X | NOUN OBJECT | 0 | O | HER |
| | | | BV-Z | INFINITE VERB | 0 | CV | LEAVE |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | STAY (THERE HIM-SELF) |
| BV,IT5-0 | YY | 00000 | | INFINITE VERB | $ | | SEE |
| | | | NO-X | NOUN OBJECT | 0 | O | LEAVES |
| | | | PA-Z | PARTICIPLE | 0 | CM | FALLING |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | HEAR ... |
| BV,IT6-0 | YY | 00000 | | INFINITE VERB | $ | | KNOW |
| | | | NC-D | NOUN CLAUSE | 0 | 5R | THAT |
| | | | | | (5S) | | YOU |
| | | | | | (5V) | | ARE |
| | | | | | (5C) | | WRONG |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BV-X | INFINITE VERB | Y | $ | REGRET ... |
| BV,IT6-1 | YY | 00000 | | INFINITE VERB | $ | | KNOW |
| | | | SG-D | DECLARATIVE CLAUSE | 0 | 5S | YOU |
| | | | | | (5V) | | ARE |
| | | | | | (5C) | | WRONG |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-D | NOUN CLAUSE | 0 | 5R | THAT |
| | | | | | (5S) | | I |
| | | | | | (5V) | | AM |
| | | | | | (5C) | | RIGHT |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | , | , (AND) |
| | | | BV-X | INFINITE VERB | Y | $ | REGRET ... |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | HE WILL |
| BV,IT7-0 | YY | 00000 | | INFINITE VERB | $ | TELL |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | HAS FAILED |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y ● | AND |
| | | | BV-X | INFINITE VERB | Y $ | EXPLAIN (WHY...) |
| BV,IT7-1 | YY | 00000 | | INFINITE VERB | $ | TELL |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | HE |
| | | | | | (5V) | HAS FAILED |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 , | , |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | IS NOT SURPRISED |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y ● | AND |
| | | | BV-X | INFINITE VERB | Y $ | EXPLAIN (WHY...) |
| BV,PRE-0 | PH | 00000 | | INFINITE VERB | /PR | BY |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HIMSELF |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /● | AND |
| | | | DA- | ADVERB | 0 /PR | FOR |
| | | | | | (/PO) | HIMSELF |
| | | | BV-X | INFINITE VERB | Y $ | DO ... |
| BV,PRE-. | PH | 00000 | | INFINITE VERB | /PR | ON |
| | | | GR-8 | GERUND | 1 /POG | ARRIVING (HERE) |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /● | AND |
| | | | DA- | ADVERB | 0 /PR | ON |
| | | | | | (/POG) | LEAVING (HERE) |
| | | | BV-X | INFINITE VERB | Y $ | NOTIFY ... |
| BV,PRE-2 | PH | 00000 | | INFINITE VERB | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 0 /● | AND |
| | | | GP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | DINNER |
| | | | BV-X | INFINITE VERB | Y $ | TAKE (A REST) |
| | | | | | ●●● | THIS IS THE KIND OF |
| | | | | | ●●● | WORK THAT HE WILL |
| BW,AV1-0 | AD | 00000 | | INF VERB WITH NO OBJ | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -● | AND |
| | | | DA- | ADVERB | 0 -D | THEN |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | DO |
| BW,AV5-0 | AD | 00000 | | INF VERB WITH NO OBJ | -DD | VERY |
| | | | CA- | ADVERB | 0 -D | OFTEN |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | DO |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• ••• | THIS IS THE KIND OF WORK THAT HE WILL |
| BW,BI1-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BE |
| | | | DQ- | PREPOSITION | 1 $PR | AGAINST |
| BW,BI2-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BE |
| | | | AI-X | ADJECTIVE | 0 C | FAMILIAR |
| | | | DQ- | PREPOSITION | 1 CPR | WITH |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,BI2-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BE |
| | | | N3-X | NOUN COMPLEMENT | 0 C | MASTER |
| | | | CQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,BI2-2 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BE |
| | | | AI-X | ADJECTIVE | 0 C | READY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR (CDV) | TO DO |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,BI3-0 | YY | 00000 | | INF VERB WITH NO OBJ | $X | BE |
| | | | PB-X | PART WITH NO OBJ | 0 V | DOING |
| | | | ZM-I | COMMA,AND,OR (DRCP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,CMA-C | IN | 00000 | | INF VERB WITH NO OBJ | -, | , |
| | | | DA- | ADVERB | 0 -D | INDEED |
| | | | CN-R | COMMA | 0 -, | , |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | DO |
| BW,CMA-1 | IN | 00000 | | INF VERB WITH NO OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | DO |
| BW,HVI-0 | YY | 00000 | | INF VERB WITH NO OBJ | $X | HAVE |
| | | | PG-X | PERF PART WITH NO OBJ | 0 V | FINISHED (BY ...) |
| BW,HVI-1 | YY | 00000 | | INF VERB WITH NO OBJ | $X | HAVE |
| | | | IG-X | TO-INFIN WITH NO OBJ | 0 VR (V) | TO DO |
| BW,II1-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | LIVE |
| | | | DQ- | PREPOSITION | 1 $PR | FOR |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• ••• | THIS IS THE KIND OF WORK THAT HE WILL |
| BW,II1-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | COME |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 $DVR ($DV) | TO LIKE |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,II2-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BECOME |
| | | | N3-X | NOUN COMPLEMENT | 0 C | MASTER |
| | | | CQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,II2-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BECOME |
| | | | AI-X | ADJECTIVE | 0 C | ANXIOUS |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR (CDV) | TO DO |
| | | | ZM-I | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,II2-2 | YY | 00000 | | INF VERB WITH NO OBJ | $ | BECOME |
| | | | AI-X | ADJECTIVE | 0 C | FOND |
| | | | DQ- | PREPOSITICN | 1 CPR | OF |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | DEVELOP |
| BW,II3-0 | YY | 00C00 | | INF VERB WITH NO OBJ | $ | LOOK |
| | | | CQ- | PREPOSITION | 1 $PR | FOR |
| | | | ZM-I | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | OBTAIN |
| BW,IT1-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | LIKE |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO CBJ | Y $ | ENJOY |
| BW,IT1-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | TAKE |
| | | | N2-X | OBJECT | 0 0 | PART |
| | | | DQ- | PREPOSITION | 1 OPR | IN |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BE (SUCCESSFUL IN) |
| BW,IT1-2 | YY | 00000 | | INF VERB WITH NO OBJ | $ | WANT |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 OVR (OV) | TO OBTAIN |
| BW,IT1-3 | YY | 0000C | | INF VERB WITH NO OBJ | $ | EXERCISE |
| | | | N2-X | OBJECT | 0 0 | (HIS) ABILITY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 $DVR ($DV) | TO COMPLETE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | THIS IS THE KIND OF |
| BW,IT2-0 | YY | 00000 | | INF VERB WITH NO OBJ | | ••• $ | WORK THAT HE WILL GIVE |
| | | | N2-X | OBJECT | 0 | 0 | US |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BW-X | INF VERB WITH NO OBJ | Y | $ | TEACH (US) |
| | | | | | | ••• | THIS IS THE PURPOSE |
| BW,IT2-1 | YY | 00000 | | INF VERB WITH NO OBJ | | ••• $ | THAT HE WILL GIVE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | US |
| | | | N2-X | OBJECT | 0 | 0 | MONEY |
| | | | DQ- | PREPOSITION | 1 | OPR | FOR |
| | | | | | | ••• | THIS IS THE MAN |
| BW,IT3-0 | YY | 00000 | | INF VERB WITH NO OBJ | | ••• $ | THAT HE WILL MAKE |
| | | | AI-X | ADJECTIVE | 0 | C | HAPPY |
| BW,IT3-1 | YY | 00000 | | INF VERB WITH NO OBJ | | $ | APPOINT |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | CHAIRMAN |
| | | | | | | ••• | THIS IS THE REASON |
| BW,IT3-2 | YY | 00000 | | INF VERB WITH NO OBJ | | ••• $ | THAT HE WILL MAKE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HER |
| | | | AI-X | ADJECTIVE | 0 | C | HAPPY |
| | | | DQ- | PREPOSITION | 1 | CPR | FOR |
| BW,IT3-3 | YY | 00000 | | INF VERB WITH NO OBJ | | $ | MAKE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HER |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | CHAIRMAN |
| | | | DQ- | PREPOSITION | 1 | $PR | FOR |
| | | | | | | ••• | THIS IS THE MAN |
| BW,IT4-0 | YY | 00000 | | INF VERB WITH NO OBJ | | ••• $ | THAT HE WILL MAKE |
| | | | BV-Z | INFINITE VERB | 0 | CV | GO |
| BW,IT4-1 | YY | 00000 | | INF VERB WITH NO OBJ | | $ | MAKE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HER |
| | | | BW-Z | INF VERB WITH NO OBJ | 0 | CV | KILL |
| BW,IT5-0 | YY | 00000 | | INF VERB WITH NO OBJ | | $ | FIND |
| | | | PA-Z | PARTICIPLE | 0 | CM | WOUNDED |
| BW,IT5-1 | YY | 00000 | | INF VERB WITH NO OBJ | | $ | FIND |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HER |
| | | | PB-Z | PART WITH NO OBJ | 0 | CM | JOKING WITH |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| | | | | | ••• | THAT HE WILL |
| BW,IT6-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | SAY |
| | | | ND-D | NOUN CL WITH NO OBJ | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | DOES NOT LIKE |
| BW,IT6-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | SAY |
| | | | SF-D | DECLAR CL WITH NO OBJ | O 5S | HE |
| | | | | | (5V) | DOES NOT LIKE |
| --- | - | --- | --- | --- --- --- --- --- --- --- | --- | |
| BW,IT7-0 | YY | 00000 | | INF VERB WITH NO OBJ | $ | TELL |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | LOVES |
| | | | | | (5O) | HER |
| BW,IT7-1 | YY | 00000 | | INF VERB WITH NO OBJ | $ | TELL |
| | | | SG-D | DELARATIVE CLAUSE | O 5S | HE |
| | | | | | (5V) | LOVES |
| | | | | | (5O) | HER |
| BW,IT7-2 | YY | 00000 | | INF VERB WITH NO OBJ | $ | TELL |
| | | | NQ-X | NOUN OBJECT | O O | ME |
| | | | ND-D | NOUN CL WITH NO OBJ | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | DISLIKES |
| BW,IT7-3 | YY | 00000 | | INF VERB WITH NO OBJ | $ | TELL |
| | | | NQ-X | NOUN OBJECT | O O | ME |
| | | | SF-D | DECLAR CL WITH NO OBJ | O 5S | HE |
| | | | | | (5V) | DOES NOT LIKE |
| --- | - | --- | --- | --- --- --- --- --- --- --- | --- | |
| BW,PRE-0 | PH | 00000 | | INF VERB WITH NO OBJ | /PR | IN |
| | | | NQ-G | NOUN OBJECT | 1 /PO | WORK |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | IN |
| | | | | | (/PO) | LEISURE |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | ADMIRE |
| BW,PRE-1 | PH | 00000 | | INF VERB WITH NO OBJ | /PR | ON |
| | | | GR-B | GERUND | 1 /POG | ARRIVING |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | ON |
| | | | | | (/POG) | LEAVING |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | NOTIFY ... |
| BW,PRE-2 | PH | 00000 | | INF VERB WITH NO OBJ | /PR | IN |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (THE) GROUP |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | SUPERVISE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| BX,AV1-0 | AD | 00000 | | INF COMPLETE VI | | •••<br>-D | THERE WILL<br>NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 | -+ | AND |
| | | | DA- | ADVERB | 0 | -D | THEN |
| | | | BX-X | INF COMPLETE VI | Y | $ | BE<br>GOOD NEWS |
| BX,AVS-0 | AD | 00000 | | INF COMPLETE VI | | -DD | NO |
| | | | DA- | ADVERB | 0 | -D | LONGER |
| | | | BX-X | INF COMPLETE VI | Y | $ | BE<br>GOOD NEWS |
| BX,BI1-0 | YY | 00000 | | INF COMPLETE VI | | $ | BE<br>GOOD NEWS |
| BX,BI3-0 | YY | 00000 | | INF COMPLETE VI | | $X | BE |
| | | | RR-X | PARTICIPLE VI | Y | $ | COMING<br>GOOD NEWS |
| BX,CMA-0 | IN | 00000 | | INF COMPLETE VI | | -, | , |
| | | | CA- | ADVERB | 0 | -D | CERTAINLY |
| | | | CN-R | COMMA | 0 | -, | , |
| | | | BX-X | INF COMPLETE VI | Y | $ | BE<br>GOOD NEWS |
| BX,CMA-1 | IN | 00000 | | INF COMPLETE VI | | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 | -PM | (TRULY)SPEAKING |
| | | | CN-R | COMMA | 0 | -, | , |
| | | | BX-X | INF COMPLETE VI | Y | $ | BE<br>GOOD NEWS |
| BX,HVI-0 | YY | 00000 | | INF COMPLETE VI | | $X | HAVE |
| | | | PH-X | PERF PARTICIPLE VI | Y | $ | ARRIVED<br>GOOD NEWS |
| BX,HVI-1 | YY | 00000 | | INF COMPLETE VI | | $X | HAVE |
| | | | IH-X | TO-INFIN COMPLETE VI | Y | VR<br>(V) | TO<br>BE<br>GOOD NEWS |
| BX,III-0 | YY | 00000 | | INF COMPLETE VI | | $ | ARRIVE |
| | | | ZM-I | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | BX-X | INF COMPLETE VI | Y | $ | REMAIN<br>GOOD NEWS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | THIS KIND OF A BOY |
| | | | | | | ••• | TELLS THE KIND OF |
| | | | | | | ••• | A MAN THAT HE WILL |
| BY,AV1-0 | AD | 00000 | | INFINITE COPULA | | -D | EVENTUALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O | -+ | BUT |
| | | | DA- | ADVERB | O | -D | CERTAINLY |
| | | | BY-X | INFINITE COPULA | Y | $ | BECOME |
| BY,AV5-0 | AD | 00000 | | INFINITE COPULA | | -DD | VERY |
| | | | DA- | ADVERB | O | -D | OFTEN |
| | | | BY-X | INFINITE COPULA | Y | $ | BECOME |
| BY,AV8-0 | AD | 00000 | | INFINITE COPULA | | -D | TOO (EASILY) |
| | | | BY-X | INFINITE COPULA | Y | $ | BECOME |
| BY,BI2-0 | YY | 00000 | | INFINITE COPULA | | $ | BE |
| BY,CMA-0 | IN | 00000 | | INFINITE COPULA | | -, | , |
| | | | DA- | ADVERB | O | -D | EVENTUALLY |
| | | | CN-R | COMMA | O | -, | , |
| | | | BY-X | INFINITE COPULA | Y | $ | BECOME |
| BY,CMA-1 | IN | 00000 | | INFINITE COPULA | | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | O | -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | O | -, | , |
| | | | BY-X | INFINITE COPULA | Y | $ | BECOME |
| BY,HVI-0 | YY | C000C | | INFINITE COPULA | | $X | HAVE |
| | | | PI-X | PERF PART COPULA | Y | $ | BECOME |
| BY,HVI-1 | YY | 00000 | | INFINITE COPULA | | $X | HAVE |
| | | | II-X | TO-INFIN COPULA | Y | VR | TO |
| | | | | | | (V) | BE |
| BY,II2-C | YY | 00000 | | INFINITE COPULA | | $ | BECOME |
| BY,IT1-0 | YY | 00C00 | | INFINITE COPULA | | $ | WISH |
| | | | II-F | TO-INFIN COPULA | O | OVR | TO |
| | | | | | | (OV) | BECOME |
| BY,IT2-0 | YY | 00000 | | INFINITE COPULA | | $ | WISH |
| | | | NQ-X | NOUN OBJECT | O | O | HIM |
| | | | II-F | TO-INFIN COPULA | O | OVR | TO |
| | | | | | | (OV) | BECOME |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| C2,AV1-0 | AD | 00000 | | ADVERB CLAUSE CONJ | •••  -0 | I REST BEFORE AND  NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -0 | THEN |
| | | | C2- | ADVERB CLAUSE CONJ | Y 8R | AFTER |
| | | | | | | I EAT |
| C2,CIF-0 | CO | 00000 | | ADVERB CLAUSE CONJ | •••  •••  R | YOU WILL SUCCEED  IF AND ONLY  IF  YOU WORK HARD |
| C2,CMA-0 | IN | 00000 | | ADVERB CLAUSE CONJ | •••  -, | I REST BEFORE AND  , |
| | | | DA- | ADVERB | 0 -PR  (-PO) | OF  COURSE |
| | | | CN-R | COMMA | 0 -, | , |
| | | | C2- | ADVERB CLAUSE CONJ | Y 8R | AFTER |
| | | | | | | I EAT |
| C2,CMA-1 | IN | 00000 | | ADVERB CLAUSE CONJ | -, | ,  (GENERALLY) |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | C2- | ADVERB CLAUSE CONJ | Y 8R | AFTER |
| | | | | | | I EAT |
| C2,CO2-0 | CO | Q0000 | | ADVERB CLAUSE CONJ | •••  •••  R | WRITE ME A LETTER  WHERE AND  WHEN  IT IS POSSIBLE |
| C3,AV1-0 | AD | 00000 | | AS (OF COMPARISON) | •••  •••  -0 | HE WILL BE ABLE TO  DO IT AS SKILLFULLY  NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -0 | HERE |
| | | | C3-X | AS (OF COMPARISON) | Y D8R | AS |
| | | | | | | HE HAS DONE OTHER  THINGS BEFORE |
| C3,AV2-0 | AD | 00000 | | AS (OF COMPARISON) | -0 | OUT (THERE) |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -0 | HERE |
| | | | C3-X | AS (OF COMPARISON) | Y D8R | AS |
| | | | | | | HE HAS DONE OTHER  THINGS BEFORE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| C3,C03-0 | YY | 00000 | | AS (OF CCMPARISON) | •••<br>•••<br>$ | HE SPENT MONEY AS OFTEN<br>AS<br>HE EARNED IT |
| C3,PRE-0 | PH | 00000 | NQ-G<br>ZC-E<br>OA-<br>C3-X | AS (OF COMPARISON)<br>NOUN OBJECT<br>(A,B,) AND (C) (DROP)<br>ADVERB<br>AS (OF CCMPARISON) | /PR<br>1 /PO<br>0 /+<br>0 /PR<br>(/PO)<br>Y $ | ON<br>CLOTHES<br>AND<br>ON<br>FOOD<br>AS<br>HE EARNED IT |
| C3,PRE-1 | PH | 00000 | GR-B<br>ZC-E<br>OA-<br>C3-X | AS (OF COMPARISON)<br>GERUND<br>(A,B,) AND (C) (DROP)<br>ADVERB<br>AS (OF COMPARISON) | /PR<br>1 /POG<br>0 /+<br>0 /PR<br>(/POG)<br>Y $ | ON<br>EATING<br>AND<br>ON<br>PLAYING<br>AS<br>HE EARNED IT |
| C3,PRE-2 | PH | 00000 | CM-F<br>OP- <br>C3-X | AS (OF COMPARISON)<br>COMMA,AND,OR<br>PREPOSITICNAL PHR<br>AS (OF COMPARISON) | /PR<br>1 /P+<br>0 /PR<br>(/PO)<br>Y $ | FOR<br>AND<br>BY<br>HIMSELF<br>AS<br>HE EARNED IT |
| C8,AV1-0 | AD | 00000 | ZM-E<br>OA-<br>C8-X | THAN (CF COMPARISON)<br>COMMA,ANC,OR (DROP)<br>ADVERB<br>THAN (OF COMPARISON) | •••<br>•••<br>•••<br>-D<br>0 -+<br>0 -D<br>Y D8R | HE WILL BE ABLE TO DO IT MORE SKILLFULLY<br>NOW<br>AND<br>HERE<br>THAN<br>HE HAS CONE IT BEFORE |
| C8,AV2-0 | AD | 00000 | ZM-E<br>OA-<br>C8-X | THAN (OF COMPARISCN)<br>COMMA,AND,OR (DROP)<br>ADVERB<br>THAN (OF COMPARISON) | -D<br>0 -+<br>0 -D<br>Y D8R | OUT (THERE)<br>AND<br>HERE<br>THAN<br>HE HAS DONE IT BEFORE |
| C8,C08-0 | YY | 00000 | | THAN (OF COMPARISON) | •••<br>•••<br>$ | YOU SPEND MONEY MORE OFTEN<br>THAN<br>YOU SAVE IT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | YOU SPEND MONEY |
| | | | | | | ••• | MORE OFTEN |
| C8,PRE-0 | PH | 00000 | | THAN (OF COMPARISON) | | /PR | ON |
| | | | NO-G | NOUN OBJECT | 1 | /PO | CLOTHES |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | ON |
| | | | | | | (/PO) | FOOD |
| | | | C8-X | THAN (OF COMPARISON) | Y | $ | THAN |
| | | | | | | | YOU EARN IT |
| | | | | | | | |
| C8,PRE-1 | PH | 00000 | | THAN (OF COMPARISON) | | /PR | ON |
| | | | GR-B | GERUND | 1 | /POG | EATING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | ON |
| | | | | | | (/POG) | PLAYING |
| | | | C8-X | THAN (OF COMPARISON) | Y | $ | THAN |
| | | | | | | | YOU EARN IT |
| | | | | | | | |
| C8,PRE-2 | PH | 00000 | | THAN (OF COMPARISON) | | /PR | BY |
| | | | CM-F | COMMA,AND,OR | 1 | /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 | /PR | FOR |
| | | | | | | (/PO) | YOURSELF |
| | | | C8-X | THAN (OF COMPARISON) | Y | $ | THAN |
| | | | | | | | YOU EARN IT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | ••• | HE WALKED |
| CM,AAA-0 | AP | 00C00 | | COMMA,AND,OR | | -EA | TEN |
| | | | DN- | ADVERBIAL NOUN PHR | 0 | -E | MILES |
| | | | CM-X | COMMA,AND,OR | Y | , | , |
| | | | | | | | (THEN) STOPPED |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | ••• | HE CAME |
| CM,AV1-0 | AD | 00000 | | COMMA,AND,OR | | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 | -+ | AND |
| | | | DA- | ADVERB | 0 | -D | THEN |
| | | | CM-X | COMMA,AND,OR | Y | , | , (AND) |
| | | | | | | | TOLD ME THAT ... |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | ••• | IT RAINED |
| CM,AV2-0 | AD | 00000 | | COMMA,AND,OR | | -D | OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 | -+ | AND |
| | | | DA- | ADVERB | 0 | -D | ON |
| | | | CM-X | COMMA,AND,OR | Y | , | , (AND) |
| | | | | | | | THEN CLEARED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CM,AV3-0 | AB | 00000 | DA-33-C | COMMA,AND,OR<br>ADVERB<br>AS-CLAUSE | ●●●<br>-DO<br>0 -O<br>0 -D8R<br>(-D8C) | HE WORKED<br>AS<br>HARD<br>AS<br>POSSIBLE |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND)<br>COLLAPSED |
| CM,AV5-0 | AD | 00000 | DA- | COMMA,AND,OR<br>ADVERB | -DO<br>0 -O | VERY<br>HARD |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) |
| CM,AV6-0 | AB | 00000 | | COMMA,AND,OR | -D | HARDER |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND)<br>COLLAPSED |
| CM,AV6-1 | AB | Q0000 | 88-C | COMMA,AND,OR<br>THAN-CLAUSE | -D<br>0 -D8R<br>(-D8D) | HARDER<br>THAN<br>EVER |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND)<br>COLLAPSED |
| CM,AV8-0 | AD | 00000 | | COMMA,AND,OR | -D | TOO |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND)<br>COLLAPSED |
| CM,CCO-0 | CO | 00000 | 1Z-A<br>VZ-G<br>CM-X | COMMA,AND,OR<br>SUBJECT<br>PREDICATE<br>COMMA,AND,OR | -8R<br>1 -8S<br>1 -8V<br>Y , | AFTER<br>HE<br>BECAME (SICK)<br>, (AND)<br>COLLAPSED |
| CM,CCO-1 | CO | 00000 | 1Z-A<br>UZ-G<br>CM-X | COMMA,AND,OR<br>SUBJECT<br>AUXILIARY VERB<br>COMMA,AND,OR | -8R<br>1 -8S<br>1 -8V<br>Y , | SINCE<br>HE<br>COULD<br>, (AND)<br>COLLAPSED |
| CM,CIF-0 | CO | 00000 | AI-A<br>CM-X | COMMA,AND,OR<br>ADJECTIVE<br>COMMA,AND,OR | ●●●<br>-8R<br>1 -8C<br>Y , | I WILL DO IT LATER<br>IF<br>POSSIBLE<br>, (AND)<br>WILL SEE ... |
| CM,CIF-1 | CO | 00000 | DA-<br>CM-X | COMMA,AND,OR<br>ADVERB<br>COMMA,AND,OR | -8R<br>1 -8D<br>Y , | IF<br>NOT RIGHT NOW<br>, (AND)<br>WILL SEE ... |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CM,CIF-2 | CO | 00000 | | COMMA,AND,OR | *** -8R | I WILL DO IT LATER IF |
| | | | 1C-A | SUBJECT | 1 -8S | IT |
| | | | VC-G | PREDICATE | 1 -8V | IS |
| | | | | | (-8C) | POSSIBLE |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CIF-3 | CO | 00000 | | COMMA,AND,OR | -8R | IF |
| | | | 1C-A | SUBJECT | 1 -8S | I |
| | | | UC-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CIF-4 | CO | 00000 | | COMMA,AND,OR | -8R | IF |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CMA-0 | YY | 00000 | | COMMA,AND,OR | , | , (AND) WILL SEE |
| CM,CMA-1 | YY | 00000 | | COMMA,AND,OR | , | , |
| | | | XC-X | (A,B,) AND (C) | 0 + | AND WILL SEE ... . |
| CM,CMA-2 | IN | 00000 | | COMMA,AND,OR | -, | , |
| | | | DA- | ADVERB | 0 -0 | CAREFULLY |
| | | | CM-X | COMMA,AND,OR | Y + | AND WILL SEE ... |
| CM,CMA-3 | IN | 00000 | | COMMA,AND,OR | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -A | DIFFICULT (AS IT IS) |
| | | | CM-X | COMMA,AND,OR | Y + | AND WILL SEE ... |
| CM,CO2-0 | CO | 00000 | | COMMA,AND,OR | -8R | WHEN |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CO2-1 | CO | 00000 | | COMMA,AND,OR | -8R | WHEN |
| | | | DA- | ADVERB | 1 -8PR | AT |
| | | | | | (-8PO) | HOME |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CM,CO2-2 | CO | 00000 | | COMMA,AND,OR | ••• -8R | I WILL DO IT LATER WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | VZ-G | PREDICATE | 1 -8V | AM |
| | | | | | (-8C) | FREE |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CO2-3 | CO | 00000 | | COMMA,ANC,OR | -8R | WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CO2-4 | CO | 00000 | | COMMA,AND,OR | -8R | WHEN |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) WILL SEE ... |
| CM,CO4-0 | CO | 00000 | | COMMA,AND,OR | ••• -8R | YOU MUST DO IT HOWEVER |
| | | | CA- | ADVERB | 1 -8D | STRONGLY |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | VZ-G | PREDICATE | 1 -8V | ARE (AGAINST IT) |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) MUST DO IT WELL |
| CM,CO4-1 | CO | 00C00 | | COMMA,AND,OR | -8R | HOWEVER |
| | | | AI-A | ADJECTIVE | 1 -8C | DIFFICULT |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CM-X | COMMA,ANC,OR | Y , | , (AND) MUST DO IT WELL |
| CM,CO5-0 | CV | 00000 | | COMMA,ANC,OR | -8C | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CM-X | COMMA,ANC,OR | Y , | , (AND) MUST DO IT WELL |
| CM,CO5-1 | SV | 00000 | | COMMA,ANC,OR | -8S | WHATEVER |
| | | | VC-G | PREDICATE | 1 -8V | MAY HAPPEN |
| | | | CM-X | COMMA,ANC,OR | Y , | , (AND) MUST DO IT WELL |
| CM,CO6-0 | CV | 00000 | | COMMA,AND,OR | ••• -8D | YOU MUST WORK HARD WHOMEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | WORK FOR |
| | | | CM-X | COMMA,ANC,OR | Y , | , (AND) MUST DO IT WELL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CM,CO7-0 | CV | 00000 |  | COMMA,AND,OR | ••• -8CA | YOU MUST WORK HARD WHATEVER |
|  |  |  | N6-A | MODIFIED COMPLEMENT | 1 -8C | NATIONALITY |
|  |  |  | 1Z-A | SUBJECT | 1 -8S | YOU |
|  |  |  | CZ-G | COPULA | 1 -8V | ARE |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| CM,CO7-1 | OV | 00000 |  | COMMA,AND,OR | -80A | WHATEVER |
|  |  |  | N5-A | MODIFIED OBJECT | 1 -80 | WORK |
|  |  |  | 1Z-A | SUBJECT | 1 -8S | YOU |
|  |  |  | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | DO |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| CM,CO7-2 | SV | 00000 |  | COMMA,AND,OR | -8SA | WHATEVER |
|  |  |  | 4Z-A | MODIFIED SUBJECT | 1 -8S | WORK |
|  |  |  | VZ-G | PREDICATE | 1 -8V | MAY BE GIVEN |
|  |  |  |  |  | (-80) | YOU |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| - - - - | - - | - - - | - - - | - - - - - - - - - - | - - - - | - - - |
| CM,CPR-0 | AD | 00000 |  | COMMA,AND,OR | -D | REGARDLESS |
|  |  |  | DP- | PREPOSITIONAL PHR | 1 -DPR | OF |
|  |  |  |  |  | (-DPO) | RELIGION |
|  |  |  | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
|  |  |  | DA- | ADVERB | 0 -D | IRRESPECTIVE OF... |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| - - - - | - - | - - - | - - - | - - - - - - - - - - | - - - - | - - - |
| CM,PRE-0 | PH | 00000 |  | COMMA,AND,OR | /PR | WITH |
|  |  |  | NQ-G | NOUN OBJECT | 1 /PO | SINCERITY |
|  |  |  | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
|  |  |  | DA- | ADVERB | 0 /PR | WITH |
|  |  |  |  |  | (/PO) | ENTHUSIASM |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| CM,PRE-1 | PH | 00000 |  | COMMA,AND,OR | /PR | ON |
|  |  |  | GR-8 | GERUND | 1 /PCG | ARRIVING |
|  |  |  | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
|  |  |  | DA- | ADVERB | 0 /PR | ON |
|  |  |  |  |  | (/POG) | LEAVING |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |
| CM,PRE-2 | PH | 00000 |  | COMMA,AND,OR | /PR | BEFORE |
|  |  |  | CM-F | COMMA,AND,OR | 1 /P+ | AND |
|  |  |  | CP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
|  |  |  |  |  | (/PO) | MEALS |
|  |  |  | CM-X | COMMA,AND,OR | Y . | , (AND) MUST DO IT WELL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CM,TOI-0 | DI | 00000 | | COMMA,AND,OR | •••   -DVR | YOU MUST WORK HARD TO |
| | | | BV-M | INFINITE VERB | 0 -DV | SUCCEED |
| | | | ZC-I | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | IF-M | TO-INFINITIVE | 0 -DVR | TO |
| | | | | | (-DV) | WIN |
| | | | CM-X | COMMA,AND,OR | Y , | , (AND) MUST DO IT WELL |
| CM,XCO-0 | YY | 00000 | | COMMA,AND,OR | + | AND MUST DO IT WELL |
| CN,AAA-0 | AP | 00000 | | COMMA | •••   -EA | HAVING WALKED TEN |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | MILES |
| | | | CN-X | COMMA | Y , | , HE WAS TIRED |
| CN,AV1-0 | AD | 00000 | | COMMA | •••   -D | IT HAVING RAINED HEAVILY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | CONTINUOUSLY |
| | | | CN-X | COMMA | Y , | , I STAYED HOME |
| CN,AV2-0 | AD | 00000 | | COMMA | -D | OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | ON |
| | | | CN-X | COMMA | Y , | , I STAYED HOME |
| CN,AV3-0 | AB | 00000 | | COMMA | •••   -DD | HAVING WORKED AS |
| | | | DA- | ADVERB | 0 -D | HARD |
| | | | 33-C | AS-CLAUSE | ↋ -DBR | AS POSSIBLE |
| | | | | | (-DBC) | |
| | | | CN-X | COMMA | Y , | , HE SUCCEEDED |
| CN,AV3-1 | AB | 00000 | | COMMA | -DD | AS |
| | | | DA- | ADVERB | 0 -D | MUCH |
| | | | C3-C | AS-CLAUSE | 0 -DBR | AS |
| | | | 1Z-A | SUBJECT | 2 -DBS | I |
| | | | VZ-G | PREDICATE | 2 -DBV | PLAYED |
| | | | CN-X | COMMA | Y , | , HE SUCCEEDED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | HAVING WORKED |
| CN,AV5-0 | AD | 00000 | | COMMA | -00 | VERY |
| | | | CA- | ADVERB | 0 -D | HARD |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| CN,AV6-0 | AB | 00000 | | COMMA | -D | HARDER |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| CN,AV6-1 | AB | 00000 | | COMMA | -D | HARDER |
| | | | 8B-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8D) | EVER |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| CN,AV6-2 | AB 00000 | | | COMMA | -D | HARDER |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | PLAYED |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| CN,AV8-0 | AD | 00000 | | COMMA | -D | TOO |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| CN,CCO-0 | CO | 00000 | | COMMA | -8R | AFTER |
| | | | 1Z-A | SUBJECT | 1 -8S | HE |
| | | | VZ-G | PREDICATE | 1 -8V | BECAME (SICK) |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE DIED |
| CN,CCO-1 | CO | 00000 | | COMMA | -8R | SINCE |
| | | | 1Z-A | SUBJECT | 1 -8S | HE |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | COULD |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | HE SUCCEEDED |
| | | | | | *** | FEELING THAT I |
| | | | | | *** | MUST DO IT |
| CN,CIF-0 | CO | 00000 | | COMMA | -8R | IF |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I WILL TRY ... |
| CN,CIF-1 | CO | 00000 | | COMMA | -8R | IF |
| | | | CA- | ADVERB | 1 -8D | NOT RIGHT NOW |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I WILL TRY ... |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OR PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• ••• | FEELING THAT I MUST DO IT |
| CN,CIF-2 | CO | 00C00 | | COMMA | -8R | IF |
| | | | 1C-A | SUBJECT | 1 -8S | IT |
| | | | VC-G | PREDICATE | 1 -8V | PAYS |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CIF-3 | CO | 00000 | | COMMA | -8R | IF |
| | | | 1C-A | SUBJECT | 1 -8S | I |
| | | | UC-G | AUXILIARY VERB | 1 -8V | CAN |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CIF-4 | CO | 00000 | | COMMA | -8R | IF |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CMA-0 | YY | 00000 | | COMMA | , | ' I WILL TRY ... |
| CN,CMA-1 | IN | 00C00 | | COMMA | -, | ' |
| | | | DA- | ADVERB | 0 -D | ORIGINALLY |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CMA-2 | IN | 00000 | | COMMA | -, | ' |
| | | | AP- | POST-POSITIONAL ADJ | C -A | DIFFICULT (AS IT IS) |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CO2-0 | CO | 00000 | | COMMA | -8R | WHEN |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CO2-1 | CO | 00000 | | COMMA | -8R | WHEN |
| | | | CA- | ADVERB | 1 -8PR (-8PO) | AT HOME |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |
| CN,CO2-2 | CO | 00000 | | COMMA | -8R | WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | OTHERS |
| | | | VZ-G | PREDICATE | 1 -8V | PLAY |
| | | | CN-X | COMMA | Y , | ' I WILL TRY ... |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | FEELING THAT I |
| | | | | | ••• | MUST DO IT |
| CN,CO2-3 | CO | 00000 | | COMMA | -8R | WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| | | | | | | |
| CN,CO2-4 | CO | 00000 | | COMMA | -8R | WHEN |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | |
| CN,CO4-0 | CO | 00000 | | COMMA | -8R | HOWEVER |
| | | | DA- | ADVERB | 1 -8D | STRONGLY |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | VZ-G | PREDICATE | 1 -8V | ARE (AGAINST IT) |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| | | | | | | |
| CN,CO4-1 | CO | 00000 | | COMMA | -8R | HOWEVER |
| | | | AI-A | ADJECTIVE | 1 -8C | DIFFICULT |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | |
| CN,CO5-0 | CV | 00000 | | COMMA | -8C | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| | | | | | | |
| CN,CO5-1 | SV | 00000 | | COMMA | -8S | WHATEVER |
| | | | VC-G | PREDICATE | 1 -8V | MAY HAPPEN |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I WILL TRY ... |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | |
| | | | | | ••• | FEELING THAT I |
| | | | | | ••• | MUST WORK HARD |
| CN,CO6-0 | OV | 00000 | | COMMA | -80 | WHOMEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | WORK FOR |
| | | | CN-X | COMMA | Y , | ' |
| | | | | | | I SUCCEEDED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | FEELING THAT I |
| | | | | | ••• | MUST WORK HARD |
| CN,CO7-0 | CV | 00000 | | COMMA | -8CA | WHATEVER |
| | | | N6-A | MODIFIED COMPLEMENT | 1 -8C | RANK |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | CZ-G | COPULA | 1 -8V | AM |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,CO7-1 | OV | 00000 | | COMMA | -80A | WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 1 -80 | WORK |
| | | | 1Z-A | SUBJECT | 1 -8S | I |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | DO |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,CO7-2 | SV | 00000 | | COMMA | -8SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 -8S | WORK |
| | | | VZ-G | PREDICATE | 1 -8V | MAY BE GIVEN |
| | | | | | (-80) | ME |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,CPR-0 | AD | 00C00 | | COMMA | -D | REGARDLESS |
| | | | DP- | PREPOSITIONAL PHR | 1 -DPR | OF |
| | | | | | (-DPO) | RELIGION |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | IRRESPECTIVE OF... |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,PRE-0 | PH | 00000 | | COMMA | /PR | WITH |
| | | | NQ-G | NOUN OBJECT | 1 /PO | SINCERITY |
| | | | ZC-E | (A,B,) AND (C) (CRCP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | WITH |
| | | | | | (/PO) | ENTHUSIASM |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,PRE-1 | PH | 00000 | | COMMA | /PR | ON |
| | | | GR-B | GERUND | 1 /POG | ARRIVING |
| | | | ZC-E | (A,B,) AND (C) (DRCP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | ON |
| | | | | | (/POG) | LEAVING |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |
| CN,PRE-2 | PH | 00C00 | | COMMA | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | OFFICE-HOURS |
| | | | CN-X | COMMA | Y , | , |
| | | | | | | I SUCCEEDED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | FEELING THAT I |
| | | | | | ••• | MUST WORK HARD |
| CN,TOI-0 | DI | 00000 | | COMMA | -DVR | TO |
| | | | BV-M | INFINITE VERB | 0 -DV | SUCCEED |
| | | | ZC-I | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | IF-M | TO-INFINITIVE | 0 -DVR | TO |
| | | | | | (-DV) | WIN |
| | | | CN-X | COMMA | Y • | |
| | | | | | | I'SUCCEEDED |
| | | | | | ••• | THIS IS WHAT I |
| CX,AUX-0 | PR | 10110 | | COPULA | VX | CAN |
| | | | BY-A | INFINITE COPULA | 0 V | BE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | CX-X | COPULA | 0 V | WILL BE |
| CX,AUX-1 | PR | 10110 | | COPULA | VX | CAN |
| | | | CM-N | COMMA,AND,OR | 1 V+ | AND |
| | | | UX-X | AUXILIARY VERB | 0 VX | WILL |
| | | | BY-A | INFINITE COPULA | 0 V | BE |
| CX,AV1-0 | AD | 00100 | | COPULA | -D | EVENTUALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | HOPEFULLY |
| | | | CX-X | COPULA | Y V | WILL BE |
| CX,AV5-0 | AD | 00100 | | COPULA | -DD | VERY |
| | | | CA- | ADVERB | 0 -D | HOPEFULLY |
| | | | CX-X | COPULA | Y V | WILL BE |
| CX,AV8-0 | AD | 00100 | | COPULA | -D | TOO |
| | | | CX-X | COPULA | Y V | WILL BE |
| CX,BE2-0 | PR | 10110 | | COPULA | V | AM |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | CX-X | COPULA | 0 V | WILL BE (FOREVER) |
| CX,HAV-0 | PR | 10110 | | COPULA | VX | HAVE |
| | | | PI-A | PERF PART COPULA | 0 V | BEEN |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | CX-X | COPULA | 0 V | (ALWAYS) WILL BE |
| CX,HAV-1 | PR | 10110 | | COPULA | VX | HAVE |
| | | | II-A | TO-INFIN COPULA | 0 VR | TO |
| | | | | | (V) | BE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | CX-X | COPULA | 0 V | WILL BE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| CX,VI2-0 | PR | 10110 | | COPULA | *** <br> V | THIS IS WHAT I <br> BECAME |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | CX-X | COPULA | O V | (STILL) AM |
| CX,VT1-0 | PR | 10110 | | COPULA | V | HOPE |
| | | | II-F | TO-INFIN COPULA | O OVR <br> (OV) | TO <br> BE |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | CX-X | COPULA | O V | WILL(CERTAINLY)BE |
| CX,VT2-0 | PR | 10010 | | COPULA | V | WISH |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | II-F | TO-INFIN COPULA | O OVR <br> (OV) | TO <br> BECOME |
| DA,AAA-0 | AP | 00000 | | ADVERB | EA | THIS |
| | | | CN- | ADVERBIAL NOUN PHR | O E | MORNING |
| DA,AV1-0 | AD | 00000 | | ADVERB | *** <br> *** <br> D | HE WORKED <br> EFFICIENTLY, <br> ENTHUSIASTICALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O + | AND |
| | | | DA- | ADVERB | O D | INCESSANTLY |
| DA,AV2-0 | AD | 00000 | | ADVERB | *** <br> D | IT RAINED, <br> OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | O + | AND |
| | | | CA- | ADVERB | O D | ON <br> , ALL DAY LONG |
| DA,AV3-0 | AB | 00000 | | ADVERB | *** <br> DD | HE EXERCIZED, <br> AS |
| | | | DA- | ADVERB | O D | MUCH |
| | | | 33-C | AS-CLAUSE | O D8R <br> (D8C) | AS <br> POSSIBLE <br> , HIS AUTHORITY <br> OVER HIS SUBJECTS |
| DA,AV3-1 | AB | 0000C | | ADVERB | DD | AS |
| | | | DA- | ADVERB | O D | MUCH |
| | | | C3-C | AS (OF COMPARISON) | O D8R | AS |
| | | | 1Z-A | SUBJECT | 2 D8S | IT |
| | | | VZ-G | PREDICATE | 2 D8V <br> (D8C) | WAS <br> POSSIBLE <br> , HIS AUTHORITY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| DA,AV5-0 | AD | 00000 | | ADVERB | | DD | ••• HE EXERCIZED, VERY |
| | | | DA- | ADVERB | 0 | D | STRICTLY , HIS AUTHORITY |
| DA,AV6-0 | AB | 00000 | | ADVERB | | D | MORE |
| | | | 8B-C | THAN-CLAUSE | 0 | D8R (D8C) | THAN NECESSARY , HIS AUTHORITY |
| DA,AV6-1 | AB | 00000 | | ADVERB | | D | MORE |
| | | | C8-C | THAN (OF COMPARISON) | 0 | D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 | D8S | IT |
| | | | VZ-G | PREDICATE | 2 | D8V | WAS ADMITTED , HIS AUTHORITY |
| DA,AV6-2 | AB | 00000 | | ADVERB | | D | MORE , HIS AUTHORITY |
| DA,AV6-3 | AB | 00000 | | ADVERB | | D | MORE |
| | | | CM-E | COMMA,AND,OR | 0 | + | OR |
| | | | DA- | ADVERB | 0 | D | LESS , HIS AUTHORITY |
| DA,AV8-0 | AD | 00000 | | ADVERB | | D | TOO , HIS AUTHORITY |
| DA,CCO-0 | CO | 00000 | | ADVERB | | 8R | UNTIL |
| | | | 1Z-A | SUBJECT | 1 | 8S | HE |
| | | | VZ-G | PREDICATE | 1 | 8V | WAS EXPELLED , HIS AUTHORITY |
| DA,CCO-1 | CO | 00000 | | ADVERB | | 8R | SINCE |
| | | | 1Z-A | SUBJECT | 1 | 8S | HE |
| | | | UZ-G | AUXILIARY VERB | 1 | 8VX | COULD , HIS AUTHORITY |
| | | | | | | ••• ••• | HE WILL EXERCISE, (EVEN) |
| DA,CIF-0 | CO | 00000 | | ADVERB | | 8R | IF |
| | | | DA- | ADVERB | 1 | 8PR (8PO) | AGAINST (HIS) WILL , HIS AUTHORITY OVER HIS SUBJECTS |
| DA,CIF-1 | CO | 00000 | | ADVERB | | 8R | IF |
| | | | AI-A | ADJECTIVE | 1 | 8C | POSSIBLE , HIS AUTHORITY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT ;CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DA,CIF-2 | CO | 00000 | 1C-A | ADVERB SUBJECT | *** 8R 1 8S | HE WILL EXERCISE, IF ANY , HIS IDEAS OVER HIS SUBJECTS |
| DA,CIF-3 | CO | 00000 | 1C-A VC-G | ADVERB SUBJECT PREDICATE | 8R 1 8S 1 8V | IF HE IS ELECTED , HIS BELIEFS |
| DA,CIF-4 | CO | 00000 | 1C-A UC-G | ADVERB SUBJECT AUXILIARY VERB | 8R 1 8S 1 8VX | IF HE CAN , HIS IDEAS |
| DA,CIF-5 | CO | 00000 | PA-A | ADVERB PARTICIPLE | 8R 1 8V | IF REQUIRED , HIS IDEAS |
| DA,CO2-0 | CO | 00000 | DA- | ADVERB ADVERB | 8R 1 8PR (8PO) | WHEN AT WORK , HIS IDEAS |
| DA,CO2-1 | CO | 00000 | AI-A | ADVERB ADJECTIVE | 8R 1 8C | WHEN NECESSARY , HIS IDEAS |
| DA,CO2-2 | CO | 00000 | 1C-A | ADVERB SUBJECT | 8R 1 8S | WHILE PRESIDENT (OF THE COMPANY) ,HIS AUTHORITY OVER HIS EMPLOYEES |
| DA,CO2-3 | CO | 00000 | 1Z-A VZ-G | ADVERB SUBJECT PREDICATE | 8R 1 8S 1 8V (8C) | WHILE HE IS PRESIDENT , HIS AUTHORITY |
| DA,CO2-4 | CO | 00000 | 1Z-A UZ-G | ADVERB SUBJECT AUXILIARY VERB | 8R 1 8S 1 8VX | WHILE HE CAN , HIS AUTHORITY |
| DA,CO2-5 | CO | 00000 | PA-A | ADVERB PARTICIPLE | 8R 1 8V | WHEN REQUIRED , HIS AUTHORITY |
| DA,CO3-0 | CO | 00000 | VC-G | ADVERB PREDICATE | 8R 1 8V | AS CAN BE EXPECTED , HIS AUTHORITY |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DA,CO4-0 | CO | 00000 | | ADVERB | •••  8R | HE WILL EXERCISE, HOWEVER |
| | | | AI-A | ADJECTIVE | 1 8C | DIFFICULT , HIS AUTHORITY |
| DA,CO4-1 | CO | 00000 | | ADVERB | 8R | HOWEVER |
| | | | PA-A | PARTICIPLE | 1 8V | DISLIKED , HIS AUTHORITY |
| DA,CO4-2 | CO | 00000 | | ADVERB | 8R | HOWEVER |
| | | | DA- | ADVERB | 1 8D | STRONGLY |
| | | | 1Z-A | SUBJECT | 1 8S | OTHERS |
| | | | VZ-G | PREDICATE | 1 8V (80) | MAY OPPOSE HIM , HIS AUTHORITY |
| DA,CO4-3 | CO | 00000 | | ADVERB | 8R | HOWEVER |
| | | | AI-A | ADJECTIVE | 1 8C | DIFFICULT |
| | | | 1Z-A | SUBJECT | 1 8S | IT |
| | | | CZ-A | COPULA | 1 8VX | MAY BE , HIS AUTHORITY |
| DA,CO4-4 | CO | 00000 | | ADVERB | 8R | HOWEVER |
| | | | PA-A | PARTICIPLE | 1 8V | DISLIKED |
| | | | 1Z-A | SUBJECT | 1 8S | HE |
| | | | FZ-A | BE3 (AUXILIARY) | 1 8VX | MAY BE , HIS AUTHORITY |
| DA,CO5-0 | CV | 00000 | | ADVERB | 8C | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 8S | HE |
| | | | CZ-G | COPULA | 1 8V | MAY BECOME , HIS AUTHORITY |
| DA,CO5-1 | SV | 00000 | | ADVERB | 8S | WHOEVER |
| | | | VC-G | PREDICATE | 1 8V (80) | MAY OPPOSE HIM , HIS AUTHORITY |
| DA,CO6-0 | OV | 00000 | | ADVERB | 80 | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 8S | HE |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 8V | MAY DO , HIS AUTHORITY |
| DA,CO7-0 | CV | 00000 | | ADVERB | 8CA | WHATEVER |
| | | | N6-A | MODIFIED COMPLEMENT | 1 8C | NATIONALITY |
| | | | 1Z-A | SUBJECT | 1 8S | HE |
| | | | CZ-G | COPULA | 1 8V | MAY BE , HIS AUTHORITY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DA,CO7-1 | OV | 00000 | | ADVERB | ●●● 80A | HE WILL EXERCISE, WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 1 80 | WORK |
| | | | 1Z-A | SUBJECT | 1 8S | HE |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 8V | MAY DO , HIS AUTHORITY |
| DA,CO7-2 | SV | 00000 | | ADVERB | 8SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 8S | WORK |
| | | | VZ-G | PREDICATE | 1 8V (80) | MAY BE GIVEN HIM , HIS AUTHORITY |
| DA,CPR-0 | AD | 00000 | | ADVERB | D | IRRESPECTIVE |
| | | | DP- | PREPOSITIONAL PHR | 1 DPR (DPO) | OF (MY) WILL |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
| | | | DA- | ADVERB | 0 D | REGARDLESS OF ... , HIS AUTHORITY |
| DA,NUM-C | AP | 00000 | | ADVERB | EA | THREE |
| | | | DN- | ADVERBIAL NOUN PHR | 0 E | WEEKS , HIS AUTHORITY |
| DA,PRE-0 | PH | 00000 | | ADVERB | PR | FOR |
| | | | NQ-G | NOUN OBJECT | 1 PO | HIMSELF |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
| | | | DA- | ADVERB | 0 PR (PO) | FOR (HIS) COMPANY |
| | | | | | ●●● ●●● | , HIS AUTHORITY |
| DA,PRE-1 | PH | 00C00 | | ADVERB | PR | AFTER |
| | | | GR-B | GERUND | 1 POG | BEING ELECTED |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
| | | | DA- | ADVERB | 0 PR (POG) | BEFORE RESIGNING , HIS AUTHORITY |
| DA,PRE-2 | PH | 00000 | | ADVERB | PR | DURING |
| | | | CM-F | COMMA,AND,OR | 1 P✦ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 PR (PO) | AFTER (HIS) TERM , HIS AUTHORITY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| OA,TOI-0 | DI | 00000 | | ADVERB | ••• DVR | , HIS AUTHORITY TO |
| | | | BV-M | INFINITE VERB | 0 DV | REFORM |
| | | | | | (DO) | (THE) COMPANY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | IF-M | TO-INFINITIVE | 0 DVR | TO |
| | | | | | (DV) | DEVELOP |
| | | | | | (DO) | IT |
| | | | | | | , HIS AUTHORITY |
| OB,AV1-0 | AD | 00000 | | ADVERB AFTER BE1 | ••• -D | HE WILL BE NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | THEN |
| | | | DB- | ADVERB AFTER BE1 | Y D | HERE |
| OB,AV2-0 | AD | 00000 | | ADVERB AFTER BE1 | D | OUT |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | DB- | ADVERB AFTER BE1 | 0 D | AWAY |
| OB,AV3-0 | AB | 00000 | | ADVERB AFTER BE1 | DD | AS |
| | | | DB- | ADVERB AFTER BE1 | 0 D | WELL |
| | | | 33-C | AS-CLAUSE | 0 DBR | AS |
| | | | | | (DBS) | YOU |
| | | | | | (DBV) | ARE |
| OB,AV3-1 | AB | 00000 | | ADVERB AFTER BE1 | DD | AS |
| | | | CB- | ADVERB AFTER BE1 | 0 D | WELL |
| | | | C3-C | AS (OF COMPARISON) | 0 DBR | AS |
| | | | 1Z-A | SUBJECT | 2 DBS | YOU |
| | | | VZ-G | PREDICATE | 2 DBV | ARE |
| | | | | | (DBC) | SICK |
| OB,AV4-0 | AD | 00000 | | ADVERB AFTER BE1 | D | HERE |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | DB- | ADVERB AFTER BE1 | 0 D | THERE |
| OB,AV5-0 | AD | 0000C | | ADVERB AFTER BE1 | DD | VERY |
| | | | CB- | ADVERB AFTER BE1 | 0 D | WELL |
| OB,AV6-0 | AB | 00C00 | | ADVERB AFTER BE1 | -D | MORE |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | OR |
| | | | DA- | ADVERB | 0 -D | LESS |
| | | | DB- | ADVERB AFTER BE1 | Y PR | IN |
| | | | | | (PO) | (GOOD) SHAPE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DB,AV6-1 | AB | 00000 | DB- | ADVERB AFTER BE1<br>ADVERB AFTER BE1 | ●●●<br>-D<br>Y PR<br>(PO) | HE WILL BE<br>MORE<br>OF<br>(THE AGGRESSIVE)<br>NATURE |
| | | | BB-C | THAN-CLAUSE | O -DBR<br>(-DBS)<br>(-DBV) | THAN<br>I<br>AM |
| DB,AV7-0 | AD | 00000 | ZM-E<br>DB- | ADVERB AFTER BE1<br>COMMA,AND,OR (DROP)<br>ADVERB AFTER BE1 | D<br>O +<br>O PR<br>(PO) | WELL<br>AND<br>IN<br>(HIGH) SPIRITS |
| DB,AV8-0 | AD | 00000 | DB- | ADVERB AFTER BE1<br>ADVERB AFTER BE1 | -D<br>Y D | TOO<br>ALONE |
| DB,CMA-0 | IN | 00000 | DA-<br>CN-R<br>DB- | ADVERB AFTER BE1<br>ADVERB<br>COMMA<br>ADVERB AFTER BE1 | -,<br>O -D<br>O -,<br>Y PR<br>(PO) | ,<br>INDEED<br>,<br>OF<br>(NO) HELP |
| DB,CMA-1 | IN | 00000 | AP-<br>CN-R<br>DB- | ADVERB AFTER BE1<br>POST-POSITIONAL ADJ<br>COMMA<br>ADVERB AFTER BE1 | -,<br>O -PM<br>O -,<br>Y PR<br>(PO) | ,<br>(FRANKLY)SPEAKING<br>,<br>OF<br>(NO) HELP |
| DB,CPR-0 | AD | 00000 | DP-<br>ZC-E<br>DB- | ADVERB AFTER BE1<br>PREPOSITICNAL PHR<br>(A,B,) AND (C) (DROP)<br>ADVERB AFTER BE1 | ●●●<br>D<br>1 DPR<br>(DPO)<br>O +<br>O D | IT WILL BE<br>BECAUSE<br>OF<br>(HIS) IGNORANCE<br>AND (ALSO)<br>BECAUSE (OF YOUR<br>NEGLIGENCE) |
| DB,PRE-0 | PH | 00000 | NQ-G<br>ZC-E<br>DB- | ADVERB AFTER BE1<br>NOUN OBJECT<br>(A,B,) AND (C) (DROP)<br>ADVERB AFTER BE1 | PR<br>1 PO<br>O +<br>O PR<br>(PO) | BEHIND<br>(THE) CURTAIN<br>AND<br>UNDER<br>(THE) BOX |
| DB,PRE-1 | PH | 00000 | GR-B<br>ZC-E<br>DB- | ADVERB AFTER BE1<br>GERUND<br>(A,B,) AND (C) (DROP)<br>ADVERB AFTER BE1 | PR<br>1 POG<br>O +<br>O PR<br>(PO) | BEYOND<br>IMAGINING<br>AND<br>BEYOND<br>APPROACH |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DB,PRE-2 | PH | 00000 | | ADVERB AFTER BE1 | *** PR | IT WILL BE BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | O PR | AFTER |
| | | | | | (PO) | DINNER |
| DC,AV4-0 | AD | 00000 | | THERE,HERE | *** D | IS THERE ANYTHING LEFT- |
| DN,AAA-0 | AP | 00000 | | ADVERBIAL NOUN PHR | *** EA | HE CAME THESE SEVERAL |
| | | | CN- | ADVERBIAL NOUN PHR | O E | DAYS |
| DN,ADL-C | AP | 00000 | | ADVERBIAL NOUN PHR | *** EA | HE CAME THE SAME |
| | | | CN- | ADVERBIAL NOUN PHR | O E | DAY |
| DN,ADL-1 | AP | 00000 | | ADVERBIAL NOUN PHR | EA | SAME |
| | | | CN- | ADVERBIAL NOUN PHR | O E | DAY |
| | | | C3-E | AS (OF COMPARISON) | O E7R | AS |
| | | | 1C-A | SUBJECT | 2 E7S | I |
| DN,ADL-2 | AP | 00000 | | ADVERBIAL NOUN PHR | EA | SAME |
| | | | CN- | ADVERBIAL NOUN PHR | O E | DAY |
| | | | C3-E | AS (OF COMPARISON) | C E7R | AS |
| | | | 1Z-A | SUBJECT | 2 E7S | I |
| | | | WZ-F | PREDICATE WITH NO OBJ | 2 E7V | HAD CHOSEN |
| DN,ADL-3 | AP | 00000 | | ADVERBIAL NOUN PHR | EA | SAME |
| | | | CN- | ADVERBIAL NOUN PHR | O E | DISTANCE |
| | | | C3-E | AS (OF COMPARISON) | C E7R | AS |
| | | | VC-F | PREDICATE | 2 E7V | WAS PREDICTED |
| DN,NAD-0 | AP | 00C00 | | ADVERBIAL NOUN PHR | *** E | HE SLEPT THE MORNING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O + | AND |
| | | | DN- | ADVERBIAL NOUN PHR | O E | AFTERNOON |
| DN,NAD-1 | AP | C0000 | | ADVERBIAL NOUN PHR | E | MORNING |
| | | | AP- | POST-POSITIONAL ADJ | 1 EPM | DARKENED BY ... |
| DN,NAD-2 | AP | 00C00 | | ADVERBIAL NOUN PHR | E | MORNING |
| | | | AC- | ADJECTIVE CLAUSE | 1 E7S | WHICH |
| | | | | | (E7V) | WAS DARKENED ... |
| DN,NUM-0 | AP | 00C00 | | ADVERBIAL NOUN PHR | EA | TWO |
| | | | CN- | ADVERBIAL NOUN PHR | O E | HOURS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DN,RI1-0 | AP | 00000 | | ADVERBIAL NOUN PHR | ••• EA | HE SLEPT THE FOLLOWING |
| | | | DN- | ADVERBIAL NOUN PHR | 0 E | DAY |
| DN,XCO-0 | CM | 00000 | | ADVERBIAL NOUN PHR | ••• + | HE HAS DONE IT TWO OR |
| | | | DN- | ADVERBIAL NOUN PHR | 0 E | (THREE) TIMES |
| DP,AV1-0 | AD | 00000 | | PREPOSITIONAL PHR | ••• -D | IT DEPENDS LARGELY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | UNFAIRLY |
| | | | CP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| DP,AV3-0 | AB | 00000 | | PREPOSITIONAL PHR | -DD | AS |
| | | | DA- | ADVERB | 0 -D | MUCH |
| | | | DP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| | | | 33-C | AS-CLAUSE | 0 -DBR (-DBPR) (-DBPO) | AS ON (THE) OUTCOME |
| DP,AV3-1 | AB | 00000 | | PREPOSITIONAL PHR | -DD | AS |
| | | | DA- | ADVERB | 0 -D | MUCH |
| | | | CP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| | | | C3-C | AS (OF COMPARISON) | 0 -DBR | AS |
| | | | NO-G | NOUN OBJECT | 2 -DBO | (THE) OUTCOME |
| DP,AV5-0 | AD | 00000 | | PREPOSITIONAL PHR | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | GREATLY |
| | | | DP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| DP,AV6-0 | AB | 00000 | | PREPOSITIONAL PHR | -D | MORE |
| | | | DP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| DP,AV6-1 | AB | 00000 | | PREPOSITIONAL PHR | -D | MORE |
| | | | DP- | PREPOSITIONAL PHR | Y PR (PO) | ON (THE) SITUATION |
| | | | 88-C | THAN-CLAUSE | 0 -DBR (-DBPR) (DBPO) | THAN ON (THE) OUTCOME |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DP,AV6-2 | AB | 00000 | | | *** | IT DEPENDS |
| | | | | PREPOSITIONAL PHR | -D | MORE |
| | | | CP- | PREPOSITIONAL PHR | Y PR | ON |
| | | | | | (PO) | (THE) SITUATION |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | NQ-G | NOUN OBJECT | 2 -D8O | (THE) OUTCOME |
| DP,AV6-3 | AB | 00000 | | | *** | HE DEPENDS |
| | | | | PREPOSITIONAL PHR | -D | MORE |
| | | | CP- | PREPOSITIONAL PHR | Y PR | ON |
| | | | | | (PO) | (HIS) PARENTS |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 -D8S | (HIS) SISTER |
| | | | VZ-G | PREDICATE | 2 -D8V | DEPENDS ON HIM |
| DP,AV8-0 | AD | 00000 | | PREPOSITIONAL PHR | -D | TOO |
| | | | CP- | PREPOSITIONAL PHR | Y PR | ON |
| | | | | | (PO) | (HIS) PARENTS |
| DP,PRE-0 | PH | 00000 | | PREPOSITIONAL PHR | PR | ON |
| | | | NQ-G | NOUN OBJECT | 1 PO | (HIS) PARENTS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | CP- | PREPOSITIONAL PHR | 0 PR | ON |
| | | | | | (PO) | (HIS) BROTHERS |
| DP,PRE-1 | PH | 00000 | | PREPOSITIONAL PHR | PR | ON |
| | | | GR-B | GERUND | 1 POG | SELLING |
| | | | | | (POO) | (HIS) PAINTINGS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 PR | ON |
| | | | | | (POG) | SITTING |
| | | | | | | (AS A MODEL) |
| | | | | | *** | THE GOVERNMENT IS |
| | | | | | *** | OF, |
| DP,PRE-2 | PH | 00000 | | PREPOSITIONAL PHR | PR | BY |
| | | | CM-F | COMMA,AND,OR | 1 P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 PR | FOR |
| | | | | | (PO) | (THE) PEOPLE |
| | | | | | *** | THIS IS THE BOOK I |
| | | | | | *** | HAVE BEEN LOOKING |
| DQ,AV1-0 | AD | 00C00 | | PREPOSITION | -D | SLOWLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
| | | | DA- | ADVERB | 0 -D | EAGERLY |
| | | | CQ- | PREPOSITION | Y PR | FOR |
| DQ,AV5-0 | AD | 00000 | | PREPOSITION | -DD | VERY |
| | | | CA- | ADVERB | 0 -D | EAGERLY |
| | | | CQ- | PREPOSITION | Y PR | FOR |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| DQ,PRE-0 | DP | 00000 | | PREPOSITION | *** *** PR | *** THIS IS THE BOOK I *** HAVE BEEN LOOKING FOR |
| DQ,PRE-1 | DP | 00000 | | PREPOSITION | /PR | ON |
| | | | NQ-G | NOUN OBJECT | 1 /PO | (THE) SHELF |
| | | | DQ- | PREPOSITION | Y PR | FOR |
| EX,AV1-0 | AD | 00100 | | BE2 (COPULA) | *** -D | *** WHAT ACTUALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | OR |
| | | | DA- | ADVERB | 0 -D | THEORETICALLY |
| | | | EX-X | BE2 (COPULA) | Y V | IS HE = |
| EX,BE2-0 | PR | 10110 | | BE2 (COPULA) | V | IS |
| | | | ZC-N | (A,B,) AND (C) (DROP) | 0 + | OR |
| | | | EX-X | BE2 (COPULA) | 0 V | WAS HE = |
| EX,CMA-0 | IN | 00100 | | BE2 (COPULA) | -, | , |
| | | | DA- | ADVERB | 0 -D | INDEED |
| | | | CN-R | COMMA | 0 -, | , |
| | | | EX-X | BE2 (COPULA) | Y V | IS HE = |
| EX,CMA-1 | IN | 00100 | | BE2 (COPULA) | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (BRIEFLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | EX-X | BE2 (COPULA) | Y V | IS HE = |
| EX,PRE-0 | PH | 00100 | | BE2 (COPULA) | /PR | IN |
| | | | NQ-G | NOUN OBJECT | 1 /PO | THEORY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | IN |
| | | | | | (/PO) | PRACTICE |
| | | | EX-X | BE2 (COPULA) | Y V | IS HE = |
| FX,AV1-0 | AD | 00100 | | BE3 (AUXILIARY) | *** -D | *** WHAT FINANCIALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | POLITICALLY |
| | | | FX-X | BE3 (AUXILIARY) | Y VX | IS HE DOING = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| FX,AV9-0 | AD | 00100 | DA-<br>FX-X | BE3 (AUXILIARY)<br>ADVERB<br>BE3 (AUXILIARY) | ***<br>-DO<br>0 -D<br>Y VX | WHAT<br>VERY<br>OFTEN<br>IS<br>HE DOING = |
| FX,AV8-0 | AD | 00100 | FX-X | BE3 (AUXILIARY)<br>BE3 (AUXILIARY) | -D<br>Y VX | TOO<br>IS<br>HE DOING = |
| FX,BE3-0 | PR | 10110 | ZC-N<br>FX-X | BE3 (AUXILIARY)<br>(A,B,) AND (C) (DROP)<br>BE3 (AUXILIARY) | VX<br>1 V+<br>0 VX | IS<br>OR<br>WAS<br>HE DOING = |
| FX,CMA-0 | IN | 00100 | CA-<br>CN-R<br>FX-X | BE3 (AUXILIARY)<br>ADVERB<br>COMMA<br>BE3 (AUXILIARY) | -,<br>0 -D<br>0 -,<br>Y VX | ,<br>INDEED<br>,<br>IS<br>HE DOING = |
| FX,CMA-1 | IN | 00100 | AP-<br>CN-R<br>FX-X | BE3 (AUXILIARY)<br>POST-POSITIONAL ADJ<br>COMMA<br>BE3 (AUXILIARY) | -,<br>0 -PM<br>0 -,<br>Y VX | ,<br>(BRIEFLY)SPEAKING<br>,<br>IS<br>HE DOING = |
| FX,PRE-0 | PH | 00100 | NQ-G<br>ZC-E<br>DA-<br>FX-X | BE3 (AUXILIARY)<br>NOUN OBJECT<br>(A,B,) AND (C) (DROP)<br>ADVERB<br>BE3 (AUXILIARY) | /PR<br>1 /PO<br>0 /+<br>0 /PR<br>(/PO)<br>Y VX | IN<br>THEORY<br>AND<br>IN<br>PRACTICE<br>IS<br>HE DOING = |
| FX,PRE-1 | PH | 00100 | GR-B<br>ZC-E<br>CA-<br>FX-X | BE3 (AUXILIARY)<br>GERUND<br>(A,B,) AND (C) (DROP)<br>ADVERB<br>BE3 (AUXILIARY) | /PR<br>1 /POG<br>0 /+<br>0 /PR<br>(/POG)<br>Y VX | ON<br>ARRIVING<br>OR<br>ON<br>LEAVING<br>IS<br>HE DOING = |
| FX,PRE-2 | PH | 00100 | CM-F<br>CP-<br>FX-X | BE3 (AUXILIARY)<br>COMMA,AND,OR<br>PREPOSITIONAL PHR<br>BE3 (AUXILIARY) | /PR<br>1 /P+<br>0 /PR<br>(/PO)<br>Y VX | WITHIN<br>AND<br>OUTSIDE<br>(THE) HOUSE<br>IS<br>HE DOING = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| G1,AV1-0 | AD | 00000 | | GERUND OF VT1 | ••• ••• -D | I STARTED READING AND CAREFULLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | DECISIVELY |
| | | | G1-X | GERUND OF VT1 | Y $ | CORRECTING |
| | | | | | (0) | PAPERS |
| G1,AV5-0 | AD | 00000 | | GERUND OF VT1 | -DO | VERY |
| | | | DA- | ADVERB | 0 -D | CAREFULLY |
| | | | G1-X | GERUND OF VT1 | Y $ | CORRECTING |
| | | | | | (0) | PAPERS |
| G1,GT1-0 | YY | 00000 | | GERUND OF VT1 | $ | CORRECTING |
| | | | N2-E | OBJECT | 0 0 | PAPERS |
| GR,AV1-0 | AD | 00000 | | GERUND | -D | PERSONALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | PRIVATELY |
| | | | GR-X | GERUND | Y $ | SEEING |
| | | | | | (0) | YOU |
| GR,AV5-0 | AD | 00000 | | GERUND | -DO | VERY |
| | | | DA- | ADVERB | 0 -D | SHORTLY |
| | | | GR-X | GERUND | Y $ | SEEING |
| | | | | | (0) | YOU |
| GR,AV8-0 | AD | 00000 | | GERUND | ••• ••• -DO | HE WAS PUT IN PRISON AFTER TOO |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | GR-X | GERUND | Y $ | BEING DRUNK |
| GR,BG1-0 | YY | 00000 | | GERUND | ••• $ | I AM INTERESTED IN BEING |
| | | | DB- | ADVERB AFTER BE1 | 1 $D | HERE |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | WORKING (WITH YOU) |
| GR,BG2-0 | YY | 00000 | | GERUND | $ | BEING |
| | | | AI-E | ADJECTIVE | 0 C | SYSTEMATIC |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | WRITING (EFFECTIVELY) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | I AM INTERESTED IN |
| GR,B62-1 | YY | 00000 | | GERUND | | $ | BEING |
| | | | N3-E | NOUN COMPLEMENT | 0 | C | (A) SURGEON |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | OPERATING |
| | | | | | | | |
| GR,B63-0 | YY | 00000 | | GERUND | | $X | BEING |
| | | | PA-E | PARTICIPLE | 0 | G | MESMERIZED |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | MESMERIZING |
| | | | | | | | |
| GR,GI1-0 | YY | 00000 | | GERUND | | $ | WORKING |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | LIVING (HERE) |
| | | | | | | | |
| GR,GI2-0 | YY | 00000 | | GERUND | | $ | BECOMING |
| | | | AI-E | ADJECTIVE | 0 | C | SYSTEMATIC |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | WRITING (EFFECTIVELY) |
| | | | | | | | |
| GR,GI2-1 | YY | 00000 | | GERUND | | $ | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 0 | C | (A) DOCTOR |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | OPERATING (ON...) |
| | | | | | | | |
| GR,GI3-0 | YY | 00000 | | GERUND | | $ | APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 1 | $PR ($PO) | FOR (THE) POSITION |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ | BEING EMPLOYED |
| | | | | | | | |
| GR,GT1-C | YY | 00000 | | GERUND | | $ | READING |
| | | | N2-E | OBJECT | 0 | 0 | PAPERS |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ (O) | CORRECTING THEM |
| GR,GT1-1 | YY | 00000 | | GERUND | | $ | READING |
| | | | XC-H | (A,B,) AND (C) | Y | + | AND |
| | | | G1-X | GERUND OF VT1 | Y | $ (O) | WRITING PAPERS |
| | | | | | | | |
| GR,GT2-0 | YY | 00000 | | GERUND | | $ | TEACHING |
| | | | NQ-E | NOUN OBJECT | 0 | 0 | HER |
| | | | N2-E | OBJECT | 0 | 0 | ENGLISH |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | GR-X | GERUND | Y | $ (O) | LEARNING FRENCH (MYSELF) |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I AM INTERESTED IN |
| GR,GT3-0 | YY | 00000 | | GERUND | $ | MAKING |
| | | | NQ-E | NOUN OBJECT | O O | HER |
| | | | AI-E | ADJECTIVE | O C | HAPPY |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | SHARING |
| | | | | | (O) | (HER) JOY |
| GR,GT3-1 | YY | 00000 | | GERUND | $ | HAVING |
| | | | AI-E | ADJECTIVE | O C | AVAILABLE |
| | | | AR-C | ARTICLE | O OA | THESE |
| | | | NS-E | MODIFIED OBJECT | O O | DEVICES |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | USING |
| | | | | | (O) | THEM |
| GR,GT3-2 | YY | 00000 | | GERUND | $ | MAKING |
| | | | NQ-E | NOUN OBJECT | O O | THEM |
| | | | N3-E | NOUN COMPLEMENT | O C | CONFORMERS |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | EXERCISING |
| | | | | | (O) | CONFORMITY |
| GR,GT4-0 | YY | 00000 | | GERUND | $ | MAKING |
| | | | NQ-E | NOUN OBJECT | O O | CHILDREN |
| | | | BV-T | INFINITE VERB | O CV | LEARN |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | TEACHING |
| | | | | | (O) | THEM |
| GR,GT5-0 | YY | 00000 | | GERUND | $ | SEEING |
| | | | NQ-E | NOUN OBJECT | O O | LEAVES |
| | | | PA-T | PARTICIPLE | O CM | FALLING |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | HEARING |
| | | | | | (O) | SQUIRRELS |
| | | | | | (CM) | CHATTERING |
| GR,GT6-0 | YY | 00000 | | GERUND | $ | KNOWING |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | CANNOT HAPPEN |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | VERIFYING |
| | | | | | (O) | IT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I AM INTERESTED IN |
| GR,GT6-1 | YY | 00000 | | GERUND | $ | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | SPRING |
| | | | | | (5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | O , | , |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | WINTER |
| | | | | | (5V) | HAS GONE |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | LOOKING (FORWARD TO SUMMER |
| | | | | | | |
| GR,GT7-0 | YY | 00000 | | GERUND | $ | TELLING |
| | | | NQ-E | NOUN OBJECT | O O | HIM |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | SOULD LEAVE |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | WATCHING |
| | | | | | (O) | (HIS) REACTION |
| GR,GT7-1 | YY | 00000 | | GERUND | $ | TELLING |
| | | | NQ-E | NOUN OBJECT | O O | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | HE |
| | | | | | (5V) | SHOULD WORK |
| | | | ZM-W | COMMA,AND,OR (DROP) | O , | , |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | SHOULD SAVE |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | WATCHING |
| | | | | | (O) | (HIS) REACTION |
| | | | | | ••• | I AM MORE INTER- |
| | | | | | ••• | ESTED IN |
| GR,HVG-0 | YY | 00C00 | | GERUND | $X | HAVING |
| | | | PF-E | PERFECT PARTICIPLE | O $ | LOVED |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | HAVING LOST |
| | | | | | | THAN NEVER HAVING LOVED AT ALL |
| GR,HVG-1 | YY | 00000 | | GERUND | $X | HAVING |
| | | | IF-E | TO-INFINITIVE | O GR | TO |
| | | | | | (G) | JOIN |
| | | | ZC-H | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | GR-X | GERUND | Y $ | HAVING TO PLAY |
| | | | | | | THAN HAVING TO WATCH |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| HX,AV1-0 | AD | 00100 | ZM-E DA- HX-X | HAV3 (TENSE AUX) COMMA,AND,OR (DROP) ADVERB HAV3 (TENSE AUX) | •••  -D 0 -+ 0 -D Y VX | WHAT THEORETICALLY AND PRACTICALLY HAVE YOU BEEN DOING= |
| HX,AVS-0 | AD | 00100 | DA- HX-X | HAV3 (TENSE AUX) ADVERB HAV3 (TENSE AUX) | -DO 0 -D Y VX | VERY RECENTLY HAVE YOU BEEN DOING = |
| HX,CMA-0 | IN | 00100 | DA- CN-R HX-X | HAV3 (TENSE AUX) ADVERB COMMA HAV3 (TENSE AUX) | -, 0 -D 0 -, Y VX | , INDEED , HAVE YOU BEEN DOING = |
| HX,CMA-1 | IN | 00100 | AP- CN-R HX-X | HAV3 (TENSE AUX) POST-POSITIONAL ADJ COMMA HAV3 (TENSE AUX) | -, 0 -PM 0 -, Y VX | , (BRIEFLY)SPEAKING , HAVE YOU BEEN DOING = |
| HX,HAV-0 | PR | 10010 | | HAV3 (TENSE AUX) | VX | HAVE YOU BEEN DOING = |
| HX,PRE-0 | PH | 00100 | NQ-G ZC-E DA- HX-X | HAV3 (TENSE AUX) NOUN OBJECT (A,B,) AND (C) (DROP) ADVERB HAV3 (TENSE AUX) | /PR 1 /PO 0 /+ 0 /PR (/PO) Y VX | AT HOME AND . AT SCHOOL HAVE YOU BEEN DOING = |
| I1,TOI-0 | YY | 00000 | B1-X | TO-INFIN VT1 INFINITE VT1 | •••  $R Y $ (O) | I FEED AND HAVE TO ENTERTAIN HIM |
| ID,IAV-0 | AD | 00000 | | INTERROG ADVERB | •••  D | WHEN AND WHERE WILL HE ARRIVE= |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| IF,AV1-0 | AD | 00000 | | | *** | IT IS IMPORTANT |
| | | | | TO-INFINITIVE | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | DA- | ADVERB | O -D | THEN |
| | | | IF-X | TO-INFINITIVE | Y SR | TO |
| | | | | | ($) | WIN |
| IF,AV5-0 | AD | 00000 | | TO-INFINITIVE | -DD | VERY |
| | | | DA- | ADVERB | O -D | OFTEN |
| | | | IF-X | TO-INFINITIVE | Y SR | TO |
| | | | | | ($) | WIN |
| IF,AV6-0 | AB | 00000 | | TO-INFINITIVE | -D | MORE |
| | | | IF-X | TO-INFINITIVE | Y SR | TO |
| | | | | | ($) | SLEEP |
| IF,AV8-0 | AD | 00000 | | TO-INFINITIVE | -D | TOO |
| | | | IF-X | TO-INFINITIVE | Y SR | TO |
| | | | | | ($) | SLEEP |
| IF,CMA-0 | IN | 00000 | | TO-INFINITIVE | -, | . |
| | | | DA- | ADVERB | O -SR, (-SC) | IF NECESSARY |
| | | | CN-R | COMMA | O -, | . |
| | | | IF-X | TO-INFINITIVE | Y SR ($) | TO STAY (AWAKE) |
| IF,CMA-1 | IN | 00000 | | TO-INFINITIVE | -, | . |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | O -, | . |
| | | | IF-X | TO-INFINITIVE | Y SR ($) | TO REPENT |
| IF,PRE-0 | PH | 00000 | | | *** | IT IS A SURPRISE |
| | | | | TO-INFINITIVE | /PR | IN |
| | | | NQ-G | NOUN OBJECT | 1 /PO | TIME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /+ | AND |
| | | | CA- | ADVERB | O /PR (/PO) | AT LAST |
| | | | IF-X | TO-INFINITIVE | Y SR ($) | TO SUCCEED |
| IF,PRE-1 | PH | 00000 | | TO-INFINITIVE | /PR | IN |
| | | | GR-B | GERUND | 1 /POG | LEARNING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /+ | AND |
| | | | DA- | ADVERB | O /PR (/POG) | IN TEACHING |
| | | | IF-X | TO-INFINITIVE | Y SR ($) | TO BE APPRECIATED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| IF,PRE-2 | PH | 00000 | | TO-INFINITIVE | ••• /PR | IT IS A SURPRISE FOR |
| | | | CN-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | BY |
| | | | | | (/PO) | ONSELF |
| | | | IF-X | TO-INFINITIVE | Y $R | TO |
| | | | | | ($) | SUCCEED |
| IF,TOI-0 | YY | 00000 | | TO-INFINITIVE | $R | TO |
| | | | BV-X | INFINITE VERB | Y $ | SUCCEED |
| | | | ZC-I | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | IF-X | TO-INFINITIVE | Y $R | TO |
| | | | | | ($) | WIN |
| IG,AV1-0 | AD | 00000 | | TO-INFIN WITH NO OBJ | ••• ••• -D | THIS IS THE BOOK WHICH I CAME EASILY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | RAPIDLY |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | LIKE |
| IG,AV5-0 | AD | 00000 | | TO-INFIN WITH NO OBJ | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | SWIFTLY |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | LIKE |
| IG,AV6-0 | AB | 00000 | | TO-INFIN WITH NO OBJ | -D | MORE (OFTEN) |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | LOOK FOR |
| IG,AV8-0 | AD | 00000 | | TO-INFIN WITH NO OBJ | -D | TOO (OFTEN) |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | LOOK FOR |
| IG,CMA-0 | IN | 00000 | | TO-INFIN WITH NO OBJ | -, | , |
| | | | DA- | ADVERB | 0 -D | FINALLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | BUY |
| IG,CMA-1 | IN | 00000 | | TO-INFIN WITH NO OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | DESPISE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE BOOK |
| | | | | | ••• | WHICH I CAME |
| IG,PRE-0 | PH | 00000 | | TO-INFIN WITH NO OBJ | /PR | TO |
| | | | NQ-G | NOUN OBJECT | 1 /PO | (THE) LIBRARY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | TO |
| | | | | | (/PO) | (THE) BOOKSTORES |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TC |
| | | | | | ($) | BUY |
| IG,PRE-1 | PH | 00000 | | TO-INFIN WITH NO OBJ | /PR | AFTER |
| | | | GR-B | GERUND | 1 /POG | HAVING READ |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | AFTER |
| | | | | | (/POG) | HAVING UNDERSTOOD |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | BUY |
| IG,PRE-2 | PH | 00000 | | TO-INFIN WITH NO OBJ | /PR | BY |
| | | | CM-F | COMMA,ANC,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | FOR |
| | | | | | (/PO) | MYSELF |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | BUY |
| IG,TOI-0 | YY | 00000 | | TO-INFIN WITH NO OBJ | $R | TO |
| | | | BW-X | INF VERB WITH NO OBJ | Y $ | BUY |
| | | | ZC-I | (A,B,) AND (C) (CROP) | Y + | AND |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y $R | TO |
| | | | | | ($) | READ |
| | | | | | ••• | THERE HAS |
| IH,TOI-0 | YY | 00000 | | TO-INFIN COMPLETE VI | $R | TO |
| | | | BX-X | INF COMPLETE VI | Y $ | BE |
| | | | | | | A SOLUTION |
| | | | | | ••• | THIS IS WHAT HE |
| | | | | | ••• | WILL HAVE |
| II,AV1-0 | AD | 00000 | | TO-INFIN COPULA | -D | EVENTUALLY |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 0 -+ | BUT |
| | | | CA- | ADVERB | 0 -D | CERTAINLY |
| | | | II-X | TO-INFIN COPULA | Y $R | TO |
| | | | | | ($) | BECOME |
| II,AV5-0 | AD | 00000 | | TO-INFIN COPULA | -DD | VERY |
| | | | CA- | ADVERB | 0 -D | RELUCTANTLY |
| | | | II-X | TO-INFIN COPULA | Y $R | TO |
| | | | | | ($) | BECOME |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| II,AV8-0 | AD | 00000 | | TO-INFIN COPULA | ••• ••• -D | THIS IS WHAT HE WILL HAVE TOO (OFTEN) |
| | | | II-X | TO-INFIN COPULA | Y $R ($) | TO BECOME |
| II,CMA-0 | IN | 00000 | | TO-INFIN COPULA | -, | , |
| | | | DA- | ADVERB | 0 -D | EVENTUALLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | II-X | TO-INFIN COPULA | Y $R ($) | TO BECOME |
| II,CMA-1 | IN | 00000 | AP- | TO-INFIN COPULA POST-POSITIONAL ADJ | -, 0 -PM | , (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | II-X | TO-INFIN COPULA | Y $R ($) | TO BECOME |
| II,TOI-0 | YY | 00000 | | TO-INFIN COPULA | $R | TO |
| | | | 8Y-X | INFINITE COPULA | Y $ | BECOME |
| IN,IAD-0 | SV | 00000 | | INTERROG PRN SUBJECT | ••• SA | WHO AND WHOSE |
| | | | 4C-A | MODIFIED SUBJECT | 0 S | FATHER CAME = |
| IN,IPN-0 | SV | 00000 | | INTERROG PRN SUBJECT | ••• S | WHO AND WHAT APPEARED = |
| IO,IAD-0 | OB | 00000 | | INTERROG PRN SUBJECT | ••• CA | WHOM AND WHAT |
| | | | N5-A | MODIFIED OBJECT | 0 C | TYPE DO YOU PREFER= |
| IO,IPO-0 | OB | 00000 | | INTERROG PRONOUN ACC | ••• 0 | WHOM AND WHAT DID YOU SEE= |
| IQ,IAD-0 | CV | 00000 | | INTERROG PRN COMPL | ••• CA | WHO AND WHAT |
| | | | N6-A | MODIFIED COMPLEMENT | 0 C | NATIONALITY ARE YOU = |
| IQ,IPN-0 | CV | 00000 | | INTERROG PRN COMPL | ••• C | WHO AND WHAT ARE YOU = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | THERE |
| IX,AUX-0 | PR | 10110 | | COMPLETE VI | VX | WILL |
| | | | BX-A | INF COMPLETE VI | 0 V | COME |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | IX-X | COMPLETE VI | 0 V | SHOULD COME |
| | | | | | | GOOD NEWS |
| | | | | | | |
| IX,AUX-1 | PR | 10110 | | COMPLETE VI | VX | WILL |
| | | | CM-N | COMMA,AND,OR | 1 V+ | AND |
| | | | UX-X | AUXILIARY VERB | 0 VX | SHOULD |
| | | | BX-A | INF COMPLETE VI | 0 $ | COME |
| | | | | | | GOOD NEWS |
| IX,AV1-0 | AD | 00100 | | COMPLETE VI | -D | UNEXPECTEDLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | SWIFTLY |
| | | | IX-X | COMPLETE VI | Y V | CAME |
| | | | | | | GOOD NEWS |
| IX,AV5-0 | AD | 00100 | | COMPLETE VI | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | SWIFTLY |
| | | | IX-X | COMPLETE VI | Y V | CAME |
| | | | | | | GOOD NEWS |
| IX,AV8-0 | AD | 00100 | | COMPLETE VI | -D | TOO |
| | | | IX-X | COMPLETE VI | Y V | CAME |
| | | | | | | GOOD NEWS |
| IX,BE1-0 | PR | 10110 | | COMPLETE VI | V | IS |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | IX-X | COMPLETE VI | 0 V | WILL BE |
| | | | | | | GOOD NEWS |
| IX,BE3-0 | PR | 10110 | | COMPLETE VI | VX | IS |
| | | | RR-X | PARTICIPLE VI | 0 V | COMING |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | IX-X | COMPLETE VI | 0 V | (SOON)WILL ARRIVE |
| | | | | | | GOOD NEWS |
| IX,CMA-0 | IN | 00100 | | COMPLETE VI | -, | , |
| | | | DA- | ADVERB | 0 -PR (-PO) | WITHOUT FAIL |
| | | | CN-R | COMMA | 0 -, | , |
| | | | IX-X | COMPLETE VI | Y V | WILL COME |
| | | | | | | GOOD NEWS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| IX,CMA-1 | IN | 00100 | | COMPLETE VI | ••• | THERE |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | , FLYING (LIKE AN ARROW) |
| | | | CN-R | COMMA | O -, | , |
| | | | IX-X | COMPLETE VI | Y V | WILL COME GOOD NEWS |
| IX,HAV-0 | PR | 10110 | | COMPLETE VI | VX | HAS |
| | | | PH-A | PERF PARTICIPLE VI | O V | ARRIVED |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | IX-X | COMPLETE VI | O V | (AGAIN)WILL ARRIVE GOOD NEWS |
| IX,HAV-1 | PR | 10110 | | COMPLETE VI | VX | HAS |
| | | | IH-X | TO-INFIN COMPLETE VI | O VR (V) | TO ARRIVE |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | IX-X | COMPLETE VI | O VX (V) | WILL ARRIVE GOOD NEWS |
| IX,PRE-0 | PH | 00100 | | COMPLETE VI | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /+ | AND |
| | | | DA- | ADVERB | O /D | ABROAD |
| | | | IX-X | COMPLETE VI | Y V | WILL ARRIVE GOOD NEWS |
| IX,PRE-1 | PH | 00100 | | COMPLETE VI | /PR | BY |
| | | | GR-B | GERUND | 1 /POG | PRAYING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /+ | AND |
| | | | CA- | ADVERB | O /PR (/PO) | BY WAITING |
| | | | IX-X | COMPLETE VI | Y V | WILL ARRIVE GOOD NEWS |
| IX,PRE-2 | PH | 00100 | | COMPLETE VI | /PR | INSIDE |
| | | | CM-F | COMMA,ANC,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | O /PR (/PO) | OUTSIDE (THE) COUNTRY |
| | | | IX-X | COMPLETE VI | Y V | WILL ARRIVE GOOD NEWS |
| IX,VI1-0 | PR | 10110 | | COMPLETE VI | V | COMES |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | IX-X | COMPLETE VI | O V | GOES GOOD NEWS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| LB,RL2-0 | OB | 00000 | | RELATIVE PRONOUN ACC | ●●● ●●● 0 | LOOK AT THE HOUSE THE ROOF OF WHICH IS RED |
| LB,RL5-0 | OB | 00000 | N5-G | RELATIVE PRONOUN ACC MODIFIED OBJECT | ●●● ●●● OA 0  0 | THIS IS THE TREASURE FOR WHOSE ATTAINMENT THEY FOUGHT |
| MX,AAA-0 | YY | 00100 | 4X-X | NOUN SUBJECT MODIFIED SUBJECT | ●●● SA 0 S | THERE ARE BEAUTIFUL GIFTS |
| MX,AAB-0 | YY | 00100 | 4X-X 88-A | NOUN SUBJECT MODIFIED SUBJECT THAN-CLAUSE | SA 0 S 1 SA8R (SA8S) | BETTER GIFTS THAN OURS |
| MX,ADN-0 | YY | 00100 | C8-B 1X-X | NOUN SUBJECT THAN (OF COMPARISON) SUBJECT | SA 2 SAD (SA) 0 S | MORE THAN TWENTY GIFTS |
| MX,ADP-0 | YY | 00100 | MX-X | NOUN SUBJECT NOUN SUBJECT | SA 0 S | SUCH (BEAUTIFUL) GIFTS |
| MX,ADP-1 | YY | 00100 | MX-X 33-A | NOUN SUBJECT NOUN SUBJECT AS-CLAUSE | SA 0 S 1 SA8R (SA8S) | SUCH GIFTS AS THIS |
| MX,AV1-0 | AD | 00100 | ZM-E CA- 7X-X | NOUN SUBJECT COMMA,AND,OR (DROP) ADVERB SUBJECT MASTER | -D 0 -+ 0 -D Y S | NOW AND THEN PEOPLE |
| MX,AV1-1 | AD | 00100 | ZM-E CA- AR-A 4X-X | NOUN SUBJECT COMMA,AND,OR (DROP) ADVERB ARTICLE MODIFIED SUBJECT | -D 0 -+ 0 -D Y SA Y S | NOW AND THEN THOSE GIFTS |
| MX,AV1-2 | AD | 00100 | ZM-E DA- A1-A 4X-X | NOUN SUBJECT COMMA,AND,OR (DROP) ADVERB ATTRIBUTIVE ADJ MODIFIED SUBJECT | SAD 2 SA+ 2 SAD 0 SA 0 S | EXTREMELY AND UNUSUALLY BEAUTIFUL GIFTS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| MX,AV3-0 | AB | 00100 | | NOUN SUBJECT | *** SAD | THERE ARE AS |
| | | | A1-A | ATTRIBUTIVE ADJ | O SA | BEAUTIFUL |
| | | | MX-X | NOUN SUBJECT | O S | GIFTS |
| | | | 33-A | AS-CLAUSE | 1 SA8R (SA8S) | AS THESE |
| MX,AV3-1 | AB | 00100 | | NOUN SUBJECT | SAD | AS |
| | | | A2-A | DISCONTINUOUS ADJ | O SA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 2 SAD (SA) | AS TWENTY |
| | | | 1X-X | SUBJECT | O S | GIFTS |
| MX,AV5-0 | AD | 00100 | | NOUN SUBJECT | SAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | O SA | EXPENSIVE |
| | | | 4X-X | MODIFIED SUBJECT | O S | GIFTS |
| MX,AV5-1 | AD | 00100 | | NOUN SUBJECT | -DD | VERY |
| | | | 0A- | ADVERB | O -D | OFTEN |
| | | | AR-A | ARTICLE | Y SA | THOSE |
| | | | 4X-X | MODIFIED SUBJECT | Y S | PRODUCTS |
| MX,AV6-0 | AD | 00100 | | NOUN SUBJECT | -D | MORE (OFTEN) |
| | | | MX-X | NOUN SUBJECT | Y S | PEOPLE |
| MX,AV6-1 | AD | 00100 | | NOUN SUBJECT | -D | MORE (OFTEN) |
| | | | AR-A | ARTICLE | Y SA | THOSE |
| | | | 4X-X | MODIFIED SUBJECT | Y S | PRODUCTS |
| MX,AV6-2 | AD | 00100 | | NOUN SUBJECT | SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | O SA | BEAUTIFUL |
| | | | 4X-X | MODIFIED SUBJECT | O S | GIFTS |
| MX,AV6-3 | AD | 00100 | | NOUN SUBJECT | -D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | O -D8R (-D8C) | THAN NECESSARY |
| | | | MX-X | NOUN SUBJECT | Y S | PRODUCTS |
| MX,AV6-4 | YY | 00100 | | NOUN SUBJECT | SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 SA | BEAUTIFUL |
| | | | 4X-X | MODIFIED SUBJECT | O S | GIFTS |
| | | | 88-A | THAN-CLAUSE | 1 SA8R (SA8S) | THAN THAT |
| MX,AV8-0 | YY | 00100 | | NOUN SUBJECT | SAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | O SA | EXPENSIVE |
| | | | MX-X | NOUN SUBJECT | O S | GIFTS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| MX,IAV-0 | AD | 00001 | | NOUN SUBJECT | ••• 4D | HERE IS HOW |
| | | | 1Z-A | SUBJECT | 1 4S | HE |
| | | | VC-C | PREDICATE | 1 4V | SUCCEEDS |
| MX,IAV-1 | AD | 00001 | | NOUN SUBJECT | 4D | HOW |
| | | | 1Z-A | SUBJECT | 1 4S | HE |
| | | | VZ-C | PREDICATE | 1 4V | SUCCEEDS |
| | | | CM-W | COMMA,AND,OR | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 4D | HOW |
| | | | | | (4S) | SHE |
| | | | | | (4S) | FAILS |
| MX,IAV-2 | AD | 00001 | | NOUN SUBJECT | 4D | WHEN |
| | | | XC-E | (A,B,) AND (C) | 1 4+ | AND |
| | | | ID- | INTERROG ADVERB | 1 4D | WHERE |
| | | | 1Z-A | SUBJECT | 1 4S | HE |
| | | | VZ-C | PREDICATE | 1 4V | ARRIVES |
| MX,IAV-3 | AD | 00C01 | | NOUN SUBJECT | SVD | WHERE |
| | | | IF-I | TO-INFINITIVE | 0 SVR | TO |
| | | | | | (SV) | GO |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 SO | WHAT |
| | | | | | (SVR) | TO |
| | | | | | (SV) | DO |
| MX,IPN-0 | CV | 00001 | | NOUN SUBJECT | 4C | WHO |
| | | | 1Z-A | SUBJECT | 1 4S | HE |
| | | | CZ-C | COPULA | 1 4V | IS |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 4D | WHAT |
| | | | | | (4S) | HE |
| | | | | | (4V) | DOES |
| MX,IPN-1 | SV | 00001 | | NOUN SUBJECT | 4S | WHO |
| | | | VC-C | PREDICATE | 1 4V | WINS |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 4S | WHO |
| | | | | | (4V) | LOSES |
| MX,IPO-0 | OV | 00001 | | NOUN SUBJECT | 4D | WHOM |
| | | | SF-C | DECLAR CL WITH NC CBJ | 1 4S | WE |
| | | | | | (4V) | ACCEPT |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-C | NOUN CLAUSE | 0 4D | WHOM |
| | | | | | (4S) | WE |
| | | | | | (4V) | REJECT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| MX,IPO-1 | OV | 00001 | | NOUN SUBJECT | ••• SO | HERE IS WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 0 SVR (SV) | TO ACCEPT |
| | | | ZM-A | COMMA,AND,OR (DROP) | 0 + | AND |
| . | | | NC-C | NOUN CLAUSE | 0 SO (SVR) (SV) | WHOM TO REJECT |
| MX,NNN-0 | YY | 10010 | | NOUN SUBJECT | ••• S | THERE ARE (IS) PRODUCTS |
| MX,NNN-1 | YY | 10C10 | | NOUN SUBJECT | S | BOOKS |
| | | | AP- | POST-POSITIONAL ADJ | 1 SA | WRITTEN (BY HIM) |
| MX,NNN-2 | YY | 10C10 | | NOUN SUBJECT | S | BOOKS |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S (S7V) | HE WROTE |
| MX,NNN-3 | YY | C0C01 | | NOUN SUBJECT | S | BOOKS |
| | | | XD-A | (A) AND (B) | 0 + | AND |
| | | | MC-X | NOUN SUBJECT | 0 S | NOTEBOOKS |
| MX,NNN-4 | YY | 00001 | | NOUN SUBJECT | S | BOOKS |
| | | | CN-A | COMMA | 0 , | , |
| | | | MC-X | NOUN SUBJECT | 0 S | NOTEBOOKS |
| | | | XC-A | (A,B,) AND (C) | 0 + | (,) AND |
| | | | MC-X | NOUN SUBJECT | 0 S | PENCILS |
| MX,NNN-5 | YY | 10010 | | NOUN SUBJECT | S | BOOKS |
| | | | CN-A | COMMA | 0 , | , |
| | | | 1C-X | SUBJECT | 0 S | (MAINLY) TEXTBOOKS |
| | | | CN-A | COMMA | 0 , | , |
| MX,NO4-0 | YY | 00010 | | NOUN SUBJECT | S | MORE |
| MX,NO4-1 | YY | 00C10 | | NOUN SUBJECT | S | MORE |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S (S7V) | THAT CAN BE SAID |
| MX,NOU-0 | YY | 00100 | | NOUN SUBJECT | SA | MACHINE |
| | | | 7X-X | SUBJECT MASTER | 0 S | TRANSLATION |
| MX,NUM-0 | YY | 00100 | | NOUN SUBJECT | SA | TWO |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | BOOKS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THERE ARE (IS) |
| MX,PRE-0 | PH | 00100 | | NOUN SUBJECT | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /D | ABROAD |
| | | | MX-X | SUBJECT | Y S | (VARIOUS) PROBLEMS |
| | | | | | | |
| MX,PRE-1 | PH | 00100 | | NOUN SUBJECT | /PR | IN |
| | | | GR-B | GERUND | 1 /POG | WORKING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | IN |
| | | | | | (/POG) | SUCCEEDING |
| | | | MX-X | SUBJECT | Y S | SATISFACTION |
| | | | | | | |
| MX,PRE-2 | PH | 00100 | | NOUN SUBJECT | /PR | INSIDE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (THE) COUNTRY |
| | | | MX-X | SUBJECT | Y S | (VARIOUS) PROBLEMS |
| | | | | | ••• | NO ONE LOVES PEACE |
| | | | | | ••• | MORE THAN YOU AND |
| MX,PRN-0 | YY | 10010 | | NOUN SUBJECT | S | WE |
| | | | | | | DO |
| | | | | | | |
| MX,PRN-1 | YY | 10010 | | NOUN SUBJECT | S | WE |
| | | | CN-Q | COMMA | 1 S, | , |
| | | | AI-A | ADJECTIVE | 0 SA | UNHAPPY (WITH WAR) |
| | | | CN-R | COMMA | 1 S, | , |
| | | | | | | DO |
| | | | | | | |
| MX,PRN-2 | YY | 10010 | | NOUN SUBJECT | S | WE |
| | | | AC- | ADJECTIVE CLAUSE | 1 S7S | WHO |
| | | | | | (S7V) | KNOW |
| | | | | | (S7O) | MISERIES (OF WAR) |
| | | | | | | DO |
| | | | | | | |
| MX,PRN-3 | YY | 00001 | | NOUN SUBJECT | S | I |
| | | | XD-A | (A) AND (B) | 0 + | AND |
| | | | MC-X | NOUN SUBJECT | 0 S | (MY) COUNTRYMEN |
| | | | | | | DO |
| | | | | | | |
| MX,PRN-4 | YY | 00001 | | NOUN SUBJECT | S | I |
| | | | CN-A | COMMA | 0 , | , |
| | | | MC-X | NOUN SUBJECT | 0 S | (MY) PARENTS |
| | | | XC-A | (A,B,) AND (C) | 0 + | AND |
| | | | MC-X | NOUN SUBJECT | 0 S | (MY) CHILDREN |
| | | | | | | DO |
| | | | | | | |
| MX,PRN-5 | YY | 10010 | | NOUN SUBJECT | S | WE |
| | | | CN-A | COMMA | 0 , | , |
| | | | 1C-X | SUBJECT | 0 S | (THE)PEOPLE(OF..) |
| | | | CN-A | COMMA | 0 , | , |
| | | | | | | DO |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| MX,PT1-0 | YY | 00100 | | NOUN SUBJECT | ••• SA | HERE ARE WOUNDED |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | SOLDIERS |
| MX,RI1-0 | YY | 00100 | | NOUN SUBJECT | SA | TALKING |
| | | | 4X-X | MODIFIED SUBJECT | 0 S | PARROTS |
| N2,AAA-0 | YY | 00000 | | OBJECT | ••• OA | THEY THREW AWAY THE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | FOOD |
| N2,AAB-0 | YY | 00000 | | OBJECT | ••• OA | THEY THREW FASTER |
| | | | N5-X | MODIFIED OBJECT | 0 0 | BALLS |
| | | | 88-A | THAN-CLAUSE | 1 OA8R | THAN |
| | | | | | (OA8V) | WERE EXPECTED |
| N2,AAB-1 | YY | 00000 | | OBJECT | ••• OA | THEY THREW AWAY MORE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | CLOTHES |
| | | | C8-A | THAN (OF COMPARISON) | 1 OA8R | THAN |
| | | | N2-X | OBJECT | 3 OA8O | GARBAGE |
| N2,ADN-0 | YY | 00000 | | OBJECT | OA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 2 OAD | THAN |
| | | | | | (OA) | TWENTY |
| | | | N2-X | OBJECT | 0 0 | APPLES |
| N2,ADP-0 | YY | 00000 | | OBJECT | ••• OA | THEY MADE SUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | (FOOLISH)ERRORS |
| N2,ADP-1 | YY | 00000 | | OBJECT | OA | SUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | ERRORS |
| | | | 33-A | AS-CLAUSE | 1 OA8R | AS |
| | | | | | (OA8S) | THESE |
| N2,AV1-0 | AD | 00000 | | OBJECT | -D | QUICKLY |
| | | | ZM-E | COMMA,AND,OR (ORCP) | 0 -+ | BUT |
| | | | DA- | ADVERB | 0 -D | CAREFULLY |
| | | | N2-X | OBJECT | Y 0 | (THE)CORRECTIONS |
| N2,AV3-0 | AB | 00000 | | OBJECT | ••• -DD | THEY THREW AWAY AS |
| | | | DA- | ADVERB | 0 -D | QUICKLY |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8S) | I |
| | | | N2-X | OBJECT | Y 0 | (THE) MONEY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | THEY THREW AWAY |
| N2,AV3-1 | AB | 00000 | | OBJECT | -DD | AS |
| | | | DA- | ADVERB | 0 -D | QUICKLY |
| | | | C3-C | AS (OF COMPARISON) | 0 -DBR | AS |
| | | | 1Z-A | SUBJECT | 2 -DBS | THEY |
| | | | VZ-G | PREDICATE | 2 -DBV | PLANNED |
| | | | N2-X | OBJECT | Y 0 | (THE) EVIDENCE |
| | | | | | | |
| N2,AV3-2 | AB | 00000 | | OBJECT | OAD | AS |
| | | | A2-C | DISCONTINUOUS ADJ | 0 OA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 2 OAD | AS |
| | | | | | (OA) | TWENTY |
| | | | N2-X | OBJECT | 0 0 | BOOKS |
| | | | | | | |
| | | | | | ●●● | THEY EARN |
| N2,AV3-3 | AB | 00000 | | OBJECT | OAD | AS |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | MUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | MONEY |
| | | | 33-A | AS-CLAUSE | 1 OABR | AS |
| | | | | | (OABD) | EVER |
| | | | | | | |
| N2,AV3-4 | AB | 00000 | | OBJECT | OAD | AS |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | MUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | MONEY |
| | | | C3-A | AS (OF COMPARISON) | 1 OABR | AS |
| | | | N2-X | OBJECT | 3 OABO | (TWENTY) DOLLARS |
| | | | | | ●●● | THEY HELP |
| N2,AV5-0 | AD | 00C00 | | OBJECT | OAD | VERY |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | OLD |
| | | | N5-X | MODIFIED OBJECT | 0 0 | PEOPLE |
| | | | | | | |
| N2,AV5-1 | AD | 00000 | | OBJECT | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | AR-C | ARTICLE | Y OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | Y 0 | PEOPLE |
| | | | | | | |
| N2,AV6-0 | AB | 00000 | | OBJECT | -D | MORE (OFTEN) |
| | | | N8-X | OBJECT MASTER | Y 0 | PEOPLE |
| | | | | | | |
| N2,AV6-1 | AB | 00000 | | OBJECT | -D | MORE (OFTEN) |
| | | | AR-C | ARTICLE | Y OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | Y 0 | PEOPLE |
| | | | | | ●●● | THEY DISREGARD |
| N2,AV6-2 | AB | 00000 | | OBJECT | OAD | MORE |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | BEAUTIFUL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | FLOWERS |
| | | | | | | |
| N2,AV6-3 | AB | 00000 | | OBJECT | -D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | 0 -DBR | THAN |
| | | | | | (-DBC) | ADMISSIBLE |
| | | | N2-X | OBJECT | Y 0 | (THE) VIOLATIONS.. |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N2,AV6-4 | AB | 00000 | | OBJECT | ••• -D | THEY DISREGARD MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | N2-A | OBJECT | 2 -D8O | ANYTHING ELSE |
| | | | N2-X | OBJECT | Y 0 | (THE) VIOLATIONS |
| N2,AV6-5 | AB | 00000 | | OBJECT | OAD | MORE |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | BEAUTIFUL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | FLOWERS |
| | | | 88-A | THAN-CLAUSE | 1 OA8R (OA8S) | THAN WE |
| N2,AV8-0 | YY | 00000 | | OBJECT | OAD | TOO |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | MANY |
| | | | N2-X | OBJECT | 0 0 | MISTAKES |
| N2,BG1-0 | GY | 00000 | | OBJECT | ••• OG | I LIKE BEING |
| | | | D8- | ADVERB AFTER BE1 | 2 OGPR (OGPO) | AT HOME |
| | | | ZC-8 | (A,8,) AND (C) (DROP) | 0 + | AND |
| | | | GR-8 | GERUND | 0 OG (OC) | FEELING COMFORTABLE |
| N2,BG2-0 | GY | 00000 | | OBJECT | OG | BEING |
| | | | A1-E | ADJECTIVE | 1 OC | KIND (TO OTHERS) |
| | | | ZC-8 | (A,8,) AND (C) (DROP) | 0 + | AND |
| | | | GR-8 | GERUND | 0 OG (OO) | HELPING THEM |
| N2,BG2-1 | GY | 00000 | | OBJECT | OG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 1 OC | (AN) OPTIMIST |
| | | | ZC-8 | (A,8,) AND (C) (DROP) | 0 + | AND |
| | | | GR-8 | GERUND | 0 OG (OO) | CHERISHING (THE) HOPE (FOR..) |
| N2,BG3-0 | YY | 00000 | | OBJECT | OGX | BEING |
| | | | PA-E | PARTICIPLE | 1 OG | LOVED |
| | | | ZC-8 | (A,8,) AND (C) (DROP) | 0 + | AND |
| | | | GR-8 | GERUND | 0 OG | LOVING |
| N2,CMA-0 | IN | 00000 | | OBJECT | -, | , |
| | | | DA- | ADVERB | 0 -PR (-PO) | AMONG OTHERS |
| | | | CN-R | COMMA | 0 -, | , |
| | | | N2-X | OBJECT | Y 0 | (THESE) FLOWERS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N2,CMA-1 | IN | 00000 | | OBJECT | ••• <br> -, | I LIKE <br> , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM <br> (-PO) | (NOT) KNOWING (THEIR) VALUE |
| | | | CN-R | COMMA | 0 -, | , |
| | | | N2-X | OBJECT | Y 0 | (THE) JEWELS |
| N2,CO7-0 | OV | 00000 | | OBJECT | 50A | WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 1 50 | FOOD |
| | | | 1Z-A | SUBJECT | 1 5S | YOU |
| | | | WZ-D | PREDICATE WITH NO OBJ | 1 5V | COOK |
| N2,CO7-1 | SV | 00000 | | OBJECT | 5SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 5S | FOOD |
| | | | VZ-D | PREDICATE | 1 5V <br> (50) | IS GIVEN <br> ME |
| N2,GI1-0 | GY | 00000 | | OBJECT | ••• <br> OG | I LIKE <br> SWIMMING |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | DIVING |
| N2,GI2-0 | GY | 00000 | | OBJECT | OG | BECOMING |
| | | | AI-E | ADJECTIVE | 1 OC | IRRESISTIBLE |
| | | | ZC-R | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | BEING LOVED |
| N2,GI2-1 | GY | 00000 | | OBJECT | OG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 1 OC | (A) LEADER |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | EXERCISING POWER |
| N2,GI3-0 | GY | 00000 | | OBJECT | OG | CORRESPONDING |
| | | | CP- | PREPOSITIONAL PHR | 2 OGPR <br> (OGPO) | WITH <br> OTHERS |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG <br> (00) | RECEIVING <br> (THEIR) REPLIES |
| N2,GT1-0 | GY | 00000 | | OBJECT | OG | PLAYING |
| | | | N2-E | OBJECT | 1 00 | CARDS |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | WINNING |
| N2,GT1-1 | GY | 00000 | | OBJECT | OG | SPEAKING |
| | | | XC-B | (A,B,) AND (C) | 1 0+ | AND |
| | | | G1-B | GERUND OF VT1 | 0 OG <br> (00) | WRITING <br> JAPANESE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N2,GT2-0 | GY | 00000 |  | OBJECT | ●●● OG | I LIKE TEACHING |
|  |  |  | NQ-E | NOUN OBJECT | 1 00 | HER |
|  |  |  | N2-E | OBJECT | 1 00 | ENGLISH |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | LEARNING |
|  |  |  |  |  | (00) | FRENCH (MYSELF) |
| N2,GT3-0 | GY | 00000 |  | OBJECT | OG | MAKING |
|  |  |  | NQ-E | NOUN OBJECT | 1 00 | HER |
|  |  |  | AI-E | ADJECTIVE | 1 OC | HAPPY |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | SHARING |
|  |  |  |  |  | (00) | (HER) JOY |
| N2,GT3-1 | GY | 00000 |  | OBJECT | OG | HAVING |
|  |  |  | AI-E | ADJECTIVE | 1 OC | AVAILABLE |
|  |  |  | AR-C | ARTICLE | 1 00A | THESE |
|  |  |  | N5-E | MODIFIED OBJECT | 1 00 | DEVICES |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | USING |
|  |  |  |  |  | (00) | THEM |
| N2,GT3-2 | GY | 00000 |  | OBJECT | OG | MAKING |
|  |  |  | NQ-E | NOUN OBJECT | 1 00 | THEM |
|  |  |  | N3-E | NOUN COMPLEMENT | 1 OC | CONFORMERS |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | EXERCISING |
|  |  |  |  |  | (00) | CONFORMITY |
| N2,GT4-0 | GY | 00000 |  | OBJECT | OG | MAKING |
|  |  |  | NQ-E | NOUN OBJECT | 1 00 | CHILDREN |
|  |  |  | BV-T | INFINITE VERB | 1 OCV | LEARN |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | TEACHING |
|  |  |  |  |  | (00) | THEM |
| N2,GT5-0 | GY | 00000 |  | OBJECT | OG | SEEING |
|  |  |  | NQ-E | NOUN OBJECT | 1 00 | LEAVES |
|  |  |  | PA-T | PARTICIPLE | 1 OCM | FALLING |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 0 ✦ | AND |
|  |  |  | GR-B | GERUND | 0 OG | HEARING |
|  |  |  |  |  | (00) | SQUIRRELS |
|  |  |  |  |  | (OCM) | CHATTERING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | I LIKE |
| N2,GT6-0 | GY | 00000 | | OBJECT | OG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 1 OSR | THAT |
| | | | | | (OSS) | IT |
| | | | | | (OSV) | CANNOT HAPPEN |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | VERIFYING |
| | | | | | (OO) | IT |
| N2,GT6-1 | GY | 00000 | | OBJECT | OG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 1 OSS | SPRING |
| | | | | | (OSV) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 0, | , |
| | | | NC-D | NOUN CLAUSE | 1 OSR | THAT |
| | | | | | (OSS) | WINTER |
| | | | | | (OSV) | HAS GONE |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | LOOKING (FORWARD TO SUMMER) |
| N2,GT7-0 | GY | 00000 | | OBJECT | OG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 OO | HIM |
| | | | NC-D | NOUN CLAUSE | 1 OSR | THAT |
| | | | | | (OSS) | HE |
| | | | | | (OSV) | SHOULD LEAVE |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | WATCHING |
| | | | | | (OO) | (HIS) REACTION |
| N2,GT7-1 | GY | 00000 | | OBJECT | OG | TELLING |
| | | | NQ-E | NOUN OBJECT | 1 OO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 1 OSS | HE |
| | | | | | (OSV) | SHOULD WORK |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 0, | , |
| | | | NC-D | NOUN CLAUSE | 1 OSR | THAT |
| | | | | | (OSS) | HE |
| | | | | | (OSV) | SHOULD SAVE |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG | WATCHING |
| | | | | | (OO) | (HIS) REACTION |
| | | | | | *** | I REMEMBER |
| N2,HVG-0 | GY | 00000 | | OBJECT | OGX | HAVING |
| | | | PF-E | PERFECT PARTICIPLE | 1 OG | PARTICIPATED |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OGX | HAVING |
| | | | | | (OG) | WON |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N2,HVG-1 | GY | 00000 | | OBJECT | ••• OGX | I REMEMBER HAVING |
| | | | IF-E | TO-INFINITIVE | 1 OGR (OG) | TO WORK |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 0 + | AND |
| | | | GR-B | GERUND | 0 OG (OO) | HATING IT |
| N2,NNN-0 | YY | 00000 | | OBJECT | ••• 0 | WE HAVE BOOKS |
| | | | ZD-B | (A) AND (B) (DROP) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | NOTEBOOKS |
| N2,NNN-1 | YY | 00000 | | OBJECT | 0 | BOOKS |
| | | | AP- | POST-POSITIONAL ADJ | 1 OPM | WRITTEN (BY HIM) |
| N2,NNN-2 | YY | 00000 | | OBJECT | 0 | BOOKS |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S (07V) | HE WROTE |
| N2,NNN-3 | YY | 00000 | | OBJECT | 0 | BOOKS |
| | | | CN-B | COMMA | 0 , | , |
| | | | NQ-X | NOUN OBJECT | 0 0 | NOTEBOOKS |
| | | | XC-B | (A,B,) AND (C) | 0 + | (,) AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | PENCILS |
| N2,NNN-4 | YY | 00000 | | OBJECT | 0 | BOOKS |
| | | | CN-B | COMMA | 0 , | , |
| | | | N2-X | OBJECT | 0 0 | (MAINLY)TEXTBOOKS |
| | | | CN-B | COMMA | 0 , | , |
| N2,N04-C | YY | 00000 | | OBJECT | 0 | MORE |
| N2,N04-1 | YY | 00000 | | OBJECT | 0 | LITTLE |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S (07V) | THAT CAN BE GIVEN(AWAY) |
| N2,NOU-0 | YY | 00000 | | OBJECT | OA | MACHINE |
| | | | A8-X | OBJECT MASTER | 0 0 | TRANSLATIONS |
| N2,NOU-1 | YY | 00000 | | OBJECT | OA | COMMUNICATION |
| | | | CN-D | COMMA | 1 0, | , |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA (0+) (OA) | ELECTRONIC AND ASTRONAUTICAL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | COMPANIES |
| N2,NUM-C | YY | 00000 | | OBJECT | OA | TWO |
| | | | N5-X | MODIFIED OBJECT | 0 0 | BOOKS |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | I FOUND |
| N2,PRE-0 | PH | 00000 | | OBJECT | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /O | ABROAD |
| | | | N2-X | OBJECT | Y O | (VARIOUS)PROBLEMS |
| | | | | | | |
| N2,PRE-1 | PH | 00000 | | OBJECT | /PR | IN |
| | | | GR-B | GERUND | 1 /POG | WORKING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | IN |
| | | | | | (/POG) | SUCCEEDING |
| | | | N2-X | OBJECT | Y O | SATISFACTION |
| | | | | | | |
| N2,PRE-2 | PH | 00000 | | OBJECT | /PR | INSIDE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (THE) COUNTRY |
| | | | N2-X | OBJECT | Y O | (VARIOUS)PROBLEMS |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - - - - | - - - - | |
| | | | | | *** | I FOUND |
| N2,PRO-0 | YY | 00000 | | OBJECT | O | YOU |
| | | | ZD-B | (A) AND (B) (DROP) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 O | HER |
| | | | | | *** | APPRECIATE |
| N2,PRO-1 | YY | 00000 | | OBJECT | O | US |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S | WHO |
| | | | | | (07V) | ARE |
| | | | | | (07C) | YOUNG |
| | | | | | *** | I FOUND |
| N2,PRO-2 | YY | 00000 | | OBJECT | O | YOU |
| | | | CN-B | COMMA | 0 , | , |
| | | | NQ-X | NOUN OBJECT | 0 O | HER |
| | | | XC-B | (A,B,) AND (C) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 O | (HER) MOTHER |
| N2,PRO-3 | YY | 00000 | | OBJECT | O | THEM |
| | | | CN-B | COMMA | 0 , | , |
| | | | N2-X | OBJECT | 0 O | (THE) PEOPLE(OF..) |
| | | | CN-B | COMMA | 0 , | , |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - - - - | - - - - | |
| N2,PT1-0 | YY | 00000 | | OBJECT | OA | BROKEN |
| | | | N5-X | MODIFIED OBJECT | 0 O | TOYS |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - - - - | - - - - | |
| | | | | | *** | I LIKE |
| N2,RI1-0 | YY | 00000 | | OBJECT | OA | TALKING |
| | | | N5-X | MODIFIED OBJECT | 0 O | PARROTS |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N2,RL3-0 | SN | 00000 | | | *** | I LIKE |
| | | | | OBJECT | 5S | WHATEVER |
| | | | VC-D | PREDICATE | 1 5V | IS GIVEN |
| | | | | | (5O) | ME |
| N2,RL3-1 | CV | 00000 | | OBJECT | 5C | WHAT |
| | | | 1Z-A | SUBJECT | 1 5S | IT |
| | | | CZ-D | COPULA | 1 5V | IS |
| N2,RL4-0 | OV | 00000 | | OBJECT | 5O | WHAT |
| | | | SF-D | DECLAR CL WITH NO OBJ | 0 5S | YOU |
| | | | | | (5V) | GIVE |
| | | | | | (5O) | ME |
| N2,TOI-0 | IO | 00000 | | OBJECT | OVR | TO |
| | | | BV-F | INFINITE VERB | 0 OV | SWIM |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | IF-F | TO-INFINITIVE | 0 OVR | TO |
| | | | | | (OV) | DIVE |
| N3,AAA-0 | YY | 00000 | | | *** | THEY ARE |
| | | | | NOUN COMPLEMENT | CA | GOOD |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | BOYS |
| N3,AAB-0 | YY | 00000 | | NOUN COMPLEMENT | CA | BETTER |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | SCHOLARS |
| | | | 88-A | THAN-CLAUSE | 1 CA8R | THAN |
| | | | | | (CA8D) | EVER |
| N3,AAB-1 | YY | 00C00 | | NOUN COMPLEMENT | CA | BETTER |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | SWIMMERS |
| | | | C8-A | THAN (OF COMPARISON) | 1 CA8R | THAN |
| | | | N3-X | NOUN COMPLEMENT | 3 CA8C | DIVERS |
| N3,ADP-0 | YY | 00000 | | NOUN COMPLEMENT | CA | SUCH |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PEOPLE |
| N3,ADP-1 | YY | 00000 | | NOUN COMPLEMENT | CA | SUCH |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 1 CA8R | AS |
| | | | | | (CA8V) | CAN BE FOUND |
| | | | | | | ANYWHERE |
| N3,AV1-0 | AD | 00000 | | | *** | THEY ARE |
| | | | | NOUN COMPLEMENT | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | THEN |
| | | | N3-X | NOUN COMPLEMENT | Y C | PATRIOTS |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THEY ARE |
| N3,AV3-0 | AB | 00000 | | NOUN COMPLEMENT | CAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 0 CA | INTELLIGENT |
| | | | MX-X | NOUN SUBJECT | 0 C | PEOPLE |
| | | | 33-A | AS-CLAUSE | 1 CA8R | AS |
| | | | | | (CA8S) | WE |
| N3,AV5-0 | AD | 00000 | | NOUN COMPLEMENT | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | N3-X | NOUN COMPLEMENT | Y C | OPTIMISTS |
| N3,AV5-1 | AD | 00000 | | NOUN COMPLEMENT | CAD | VERY |
| | | | A1-B | ATTRIBUTIVE AVJ | 0 CA | INTELLIGENT |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | PEOPLE |
| N3,AV6-0 | AB | 00000 | | NOUN COMPLEMENT | -D | MORE |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8S) | ANYONE (ELSE) |
| | | | N3-X | NOUN COMPLEMENT | Y C | OPTIMISTS |
| N3,AV6-1 | AB | 00000 | | NOUN COMPLEMENT | -D | MORE |
| | | | C8-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | N3-A | NOUN COMPLEMENT | 2 -D8C | ANYTHING (ELSE) |
| | | | N3-X | NOUN COMPLEMENT | Y C | OPTIMISTS |
| N3,AV6-2 | AB | 00000 | | NOUN COMPLEMENT | -D | MORE (OFTEN) |
| | | | N3-X | NOUN COMPLEMENT | Y C | OPTIMISTS |
| N3,AV6-3 | AB | 00000 | | NOUN COMPLEMENT | CAD | MORE |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | INTELLIGENT |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | PEOPLE |
| N3,AV6-4 | AB | 00000 | | NOUN COMPLEMENT | CAD | MORE |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | INTELLIGENT |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 1 CA8R | THAN |
| | | | | | (CA8S) | WE |
| N3,AV8-0 | AD | C0000 | | NOUN COMPLEMENT | -D | TOO |
| | | | N3-X | NOUN COMPLEMENT | Y C | OPTIMISTS |
| N3,AV8-1 | AD | 00000 | | NOUN COMPLEMENT | CAD | TOO |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | DIFFICULT |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PROBLEMS |
| N3,CMA-0 | IN | 00000 | | NOUN COMPLEMENT | -, | , |
| | | | CA- | ADVERB | C -D | INDEED |
| | | | CN-R | COMMA | C -, | , |
| | | | N3-X | NOUN COMPLEMENT | Y C | IDIOTS |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N3,CMA-1 | IN | 00000 | | NOUN COMPLEMENT | ••• -, | THEY ARE , |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | O -, | , |
| | | | N3-X | NOUN COMPLEMENT | Y C | IDIOTS |
| N3,NOU-0 | YY | 00000 | | NOUN COMPLEMENT | C | STUDENTS |
| | | | ZD-C | (A) AND (B) (DROP) | O + | AND |
| | | | N3-X | NOUN COMPLEMENT | O C | PROFESSORS |
| N3,NOU-1 | YY | 00000 | | NOUN COMPLEMENT | C | STUDENTS |
| | | | AP- | POST-POSITIONAL ADJ | 1 CPM | INTERESTED (IN...) |
| N3,NOU-2 | YY | 00000 | | NOUN COMPLEMENT | C | STUDENTS |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S (C7V) | WHO ARE INTERESTED |
| N3,NOU-3 | YY | 00000 | | NOUN COMPLEMENT | C | STUDENTS |
| | | | CN-C | COMMA | O , | , |
| | | | N3-X | NOUN COMPLEMENT | O C | PROFESSORS |
| | | | XC-C | (A,B,) AND (C) | O + | AND |
| | | | N3-X | NOUN COMPLEMENT | O C | OFFICERS |
| N3,NOU-4 | YY | 00000 | | NOUN COMPLEMENT | C | STUDENTS |
| | | | CN-C | COMMA | O , | , |
| | | | N3-X | NOUN COMPLEMENT | O C | (YOUNG) MEN |
| | | | CN-C | COMMA | O , | , |
| N3,NOU-5 | YY | 00000 | | NOUN COMPLEMENT | CA | STUDENTS |
| | | | N9-X | COMPLEMENT MASTER | O C | ASSOCIATIONS |
| N3,NOU-6 | YY | 00000 | | NOUN COMPLEMENT | CA | COMMUNICATION |
| | | | CN-D | COMMA | 1 C, | , |
| | | | A1-B | ATTRIBUTIVE ADJ | O CA (C+) (CA) | ELECTRONIC AND ASTRONAUTICAL |
| | | | N6-A | MODIFIED COMPLEMENT | Y C | COMPANIES |
| N3,NUM-0 | YY | 00C00 | | NOUN COMPLEMENT | ••• C | THE NEW VALUE IS THREE |
| | | | ZD-C | (A) AND (B) (DROP) | O + | OR |
| | | | N3-X | NOUN COMPLEMENT | O C | FOUR |
| N3,NUM-1 | YY | 00C00 | | NOUN COMPLEMENT | C | THREE |
| | | | AP- | POST-POSITIONAL ADJ | 1 CPM | OBTAINED (BY THE SUMMATION) |
| N3,NUM-2 | YY | 00000 | | NOUN COMPLEMENT | C | THREE |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S (C7V) (C7C) | (,) WHICH IS GREATER (THAN 0) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | *** | THE NEW VALUE IS |
| N3,NUM-3 | YY | 00000 | | NOUN COMPLEMENT | | C | THREE |
| | | | CN-C | COMMA | 0 | , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | FOUR |
| | | | XC-C | (A,B,) AND (C) | 0 | + | OR |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | FIVE |
| N3,NUM-4 | YY | 00000 | | NOUN COMPLEMENT | | C | THREE |
| | | | CN-C | COMMA | 0 | , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | (AN) INTEGER |
| | | | CN-C | COMMA | 0 | , | , |
| N3,NUM-5 | YY | 00000 | | NOUN COMPLEMENT | | CA | THREE |
| | | | N6-X | MODIFIED COMPLEMENT | 0 | C | HUNDRED |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - - | - - - | - - | - - - - |
| | | | | | | *** | THEY WERE |
| N3,PRE-0 | PH | 00000 | | NOUN COMPLEMENT | | /PR | AT |
| | | | NO-G | NOUN OBJECT | 1 | /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | AT |
| | | | | | | (/PO) | SCHOOL |
| | | | N3-X | NOUN COMPLEMENT | Y | C | (IDLE) BOYS |
| N3,PRE-1 | PH | 00000 | | NOUN COMPLEMENT | | /PR | IN |
| | | | GR-B | GERUND | 1 | /POG | PLAYING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | IN |
| | | | | | | (/POG) | WORKING |
| | | | N3-X | NOUN COMPLEMENT | Y | C | (INACTIVE) BOYS |
| N3,PRE-2 | PH | 00000 | | NOUN COMPLEMENT | | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 | /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 | /PR | AFTER |
| | | | | | | (/POG) | COMING (HERE) |
| | | | N3-X | NOUN COMPLEMENT | Y | C | (LAZY) BOYS |
| - - - - | - - | - - - | - - - | - - - - - - - - - - - - | - - - | - - | - - - - |
| | | | | | | *** | IT IS |
| N3,PRN-C | YY | 00000 | | NOUN COMPLEMENT | | C | YOU |
| | | | ZD-C | (A) AND (B) (DROP) | 0 | + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | I |
| N3,PRN-1 | YY | 00000 | | NOUN COMPLEMENT | | C | WE |
| | | | AC- | ADJECTIVE CLAUSE | 1 | C7S | WHO |
| | | | | | | (C7V) | ARE |
| | | | | | | (C7C) | YOUNG |
| N3,PRN-2 | YY | 00000 | | NOUN COMPLEMENT | | C | YOU |
| | | | CN-C | COMMA | 0 | , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | (YOUR) BROTHERS |
| | | | XC-C | (A,B,) AND (C) | 0 | + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | I |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| N3,PRN-3 | YY | 00000 | | NOUN COMPLEMENT | C | ••• | IT IS NE |
| | | | CN-C | COMMA | 0 , | | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C | | (YOUNG) MEN |
| | | | CN-C | COMMA | 0 , | | , |
| N3,PRO-0 | YY | 00000 | | NOUN COMPLEMENT | C | ••• | IT WAS HIM THAT I SAW THERE |
| N3,PRO-1 | YY | 00000 | | NOUN COMPLEMENT | C | | HIM |
| | | | CN-C | COMMA | 0 , | | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C | | (MY BEST) FRIEND |
| | | | CN-C | COMMA | 0 , | | , |
| N3,PRZ-0 | YY | 00000 | | NOUN COMPLEMENT | C | ••• | IT WAS SOMETHING |
| N3,PRZ-1 | YY | 00000 | | NOUN COMPLEMENT | C | | SOMETHING |
| | | | AP- | POST-POSITIONAL ADJ | 1 CA | | COLD |
| N3,PRZ-2 | YY | 00000 | | NOUN COMPLEMENT | C | | SOMETHING |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S (C7V) | | THAT WAS MOVING |
| N3,PRZ-3 | YY | 00000 | | NOUN COMPLEMENT | C | | SOMETHING |
| | | | CN-C | COMMA | 0 , | | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C (CA) | | SOMETHING (VERY) IMPORTANT |
| | | | CN-C | COMMA | 0 , | | , |
| N3,PT1-0 | YY | 00000 | | NOUN COMPLEMENT | CA | ••• | THEY ARE WOUNDED |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | | SOLDIERS |
| N3,RI1-C | YY | 00C00 | | NOUN COMPLEMENT | CA | | SINGING |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | | BIRDS |
| N5,AAB-0 | YY | 00000 | | MODIFIED OBJECT | OA | ••• | WE FOUND SEVERAL BETTER |
| | | | N5-X | MODIFIED OBJECT | 0 0 | | EXAMPLES |
| N5,AAB-1 | YY | 0000C | | MODIFIED OBJECT | OA | | BETTER |
| | | | N5-X | MODIFIED OBJECT | 0 0 | | EXAMPLES |
| | | | 88-A | THAN-CLAUSE | 1 OA8R (OA8S) | | THAN YOURS |
| N5,ADJ-0 | YY | 00000 | | MODIFIED OBJECT | OA | | GOOD |
| | | | N5-X | MODIFIED OBJECT | 0 0 | | EXAMPLES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N5,ADL-0 | YY | 00000 | | MODIFIED OBJECT | ***<br>OA | WE FOUND THE<br>SAME |
| | | | N5-X | MODIFIED OBJECT | 0 0 | SOLUTION |
| N5,ADL-1 | YY | 00000 | | MODIFIED OBJECT | OA | SAME |
| | | | N5-X | MODIFIED OBJECT | 0 0 | SOLUTION |
| | | | 33-A | AS-CLAUSE | 1 OA8R | AS |
| | | | | | (OA8S) | YOURS |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,ADM-0 | YY | 00000 | | MODIFIED OBJECT | ***<br>OA | WE HAVE THE<br>LEAST |
| | | | N5-X | MODIFIED OBJECT | 0 0 | HOPE |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,ADO-0 | YY | 00000 | | MODIFIED OBJECT | ***<br>OA | WE HAVE A (AN)<br>FEW |
| | | | N5-X | MODIFIED OBJECT | 0 0 | BOOKS |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,AV1-0 | YY | 00000 | | MODIFIED OBJECT | OAD | ECONOMICALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 2 OA+ | AND |
| | | | CA- | ADVERB | 2 OAD | EFFICIENTLY |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | PLANNED |
| | | | N5-X | MODIFIED OBJECT | 0 0 | DEVICE |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,AV5-0 | YY | 00000 | | MODIFIED OBJECT | OAD | VERY |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | BEAUTIFUL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | FLOWER |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,AV6-0 | YY | 00000 | | MODIFIED OBJECT | OAD | MORE |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | ILLUSTRATIVE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLE |
| N5,AV6-1 | YY | 00000 | | MODIFIED OBJECT | OAD | MORE |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | ILLUSTRATIVE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLE |
| | | | 88-A | THAN-CLAUSE | 1 OA8R | THAN |
| | | | | | (OA8S) | YOURS |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,CMA-0 | YY | 00000 | | MODIFIED OBJECT | ***<br>0, | WE HAVE RED<br>, |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | WHITE |
| | | | | | (0+) | AND |
| | | | | | (OA) | BLUE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | FLOWERS |
| — — — — | — — | — — — — | — — — | — — — — — — — — — — — — — | — — — — | |
| N5,MMM-0 | YY | 00000 | | MODIFIED OBJECT | ***<br>0 | WE HAVE AN<br>EXAMPLE |
| | | | ZD-B | (A) AND (B) (DROP) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXPLANATION |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N5,MMM-1 | YY | 00000 | | MODIFIED OBJECT | •••   0 | WE HAVE AN EXAMPLE |
| | | | AP- | POST-POSITIONAL ADJ | 1 0A | ILLUSTRATIVE(OF..) |
| N5,MMM-2 | YY | 00000 | | MODIFIED OBJECT | 0 | EXAMPLE |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S | WHICH |
| | | | | | (07V) | ILLUSTRATES |
| | | | | | (07O) | (THE) CASE |
| N5,MMM-3 | YY | 00000 | | MODIFIED OBJECT | 0 | EXAMPLE |
| | | | CN-B | COMMA | 0 , | , |
| | | | NO-X | NOUN OBJECT | 0 0 | EXPLANATION |
| | | | XC-B | (A,B,) AND (C) | 0 + | AND |
| | | | NO-X | NOUN OBJECT | 0 0 | CONCLUSION |
| N5,MMM-4 | YY | 00000 | | MODIFIED OBJECT | 0 | EXAMPLE |
| | | | CN-B | COMMA | 0 , | , |
| | | | NO-X | NOUN OBJECT | 0 0 | (A REAL) EXAMPLE |
| | | | CN-B | COMMA | 0 , | , |
| N5,N04-0 | YY | 00000 | | MODIFIED OBJECT | •••   0 | HE SAID THE LEAST |
| N5,N04-1 | YY | 00000 | | MODIFIED OBJECT | 0 | MOST |
| | | | AC- | ADJECTIVE CLAUSE | 1 07O | THAT |
| | | | | | (07S) | HE |
| | | | | | (07V) | COULD SAY |
| N5,NOU-0 | YY | 00000 | | MODIFIED OBJECT | •••   0A | WE HAVE SEVERAL STUDENTS |
| | | | N8-X | OBJECT MASTER | 0 0 | ASSOCIATIONS |
| N5,NOU-1 | YY | 00000 | | MODIFIED OBJECT | 0A | COMMUNICATION |
| | | | CN-D | COMMA | 1 0, | , |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 0A | ELECTRONIC |
| | | | | | (0+) | AND |
| | | | | | (0A) | ASTRONAUTICAL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | COMPANIES |
| N5,NUM-0 | YY | 00000 | | MODIFIED OBJECT | 0A | OTHER |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLES |
| N5,PT1-0 | YY | 00000 | | MODIFIED OBJECT | 0A | BROKEN |
| | | | N5-X | MODIFIED OBJECT | 0 0 | WATCHES |
| N5,RI1-0 | YY | 00000 | | MODIFIED OBJECT | 0A | SINGING |
| | | | N5-X | MODIFIED OBJECT | 0 0 | BIRDS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N5,XCD-0 | YY | 00000 | | MODIFIED OBJECT | 0+ *** | WE HAVE A RED AND |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | WHITE |
| | | | N5-X | MODIFIED OBJECT | 0 O | ROSE |
| N6,AAB-0 | YY | 00000 | | MODIFIED COMPLEMENT | CA *** | THIS IS A BETTER |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| N6,AAB-1 | YY | 00000 | | MODIFIED COMPLEMENT | CA | BETTER |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| | | | 88-A | THAN-CLAUSE | 1 CA8R (CA8S) | THAN YOURS |
| N6,ADJ-0 | YY | 00000 | | MODIFIED COMPLEMENT | CA | GOOD |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| N6,ADL-0 | YY | 00000 | | MODIFIED COMPLEMENT | CA *** | THIS IS THE SAME |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| N6,ADL-1 | YY | 00000 | | MODIFIED COMPLEMENT | CA | SAME |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| | | | 33-A | AS-CLAUSE | 1 CA8R (CA8S) | AS YOURS |
| N6,ADM-0 | YY | 00000 | | MODIFIED COMPLEMENT | CA | MOST |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C (CPM) | ADVICE GIVEN |
| N6,ADO-0 | YY | 00000 | | MODIFIED COMPLEMENT | CA *** | THIS IS A (AN) LITTLE |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | MONEY |
| N6,AV1-0 | YY | 00000 | | MODIFIED COMPLEMENT | CAD | ECONOMICALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 2 CA+ | AND |
| | | | DA- | ADVERB | 2 CAD | EFFECTIVELY |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | PLANNED |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | DEVICE |
| N6,AV6-0 | YY | 00000 | | MODIFIED COMPLEMENT | CAD | MORE |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | ILLUSTRATIVE |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N6,AV6-1 | YY | 00000 | | MODIFIED COMPLEMENT | ●●● CAD | THIS IS A (AN) MORE |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA | ILLUSTRATIVE |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLE |
| | | | 8B-A | THAN-CLAUSE | 1 CA8R (CA8S) | THAN YOURS |
| N6,CMA-0 | YY | 00000 | | MODIFIED COMPLEMENT | ●●● C, | THIS IS A RED , |
| | | | A1-B | ATTRIBUTIVE ADJ | 0 CA (C+) (CA) | WHITE AND BLUE |
| | | | N6-X | MODIFIED COMPLEMENT | 0 C | FLAG |
| N6,MMM-0 | YY | 00000 | | MODIFIED COMPLEMENT | ●●● C | THIS IS AN EXAMPLE |
| | | | ZD-C | (A) AND (B) (DROP) | 0 + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 C | EXPLANATION |
| N6,MMM-1 | YY | 00000 | | MODIFIED COMPLEMENT | C | EXAMPLE |
| | | | AP- | POST-POSITIONAL ADJ | 1 CA | ILLUSTRATIVE(OF..) |
| N6,MMM-2 | YY | 00000 | | MODIFIED COMPLEMENT | C | EXAMPLE |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S (C7V) (C7O) | WHICH ILLUSTRATES (THE) CASE |
| N6,MMM-3 | YY | 00000 | | MODIFIED COMPLEMENT | C | EXAMPLE |
| | | | CN-C | COMMA | 0 , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C | EXPLANATION |
| | | | XC-C | (A,B,) AND (C) | 0 + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 C | CONCLUSION |
| N6,MMM-4 | YY | 00000 | | MODIFIED COMPLEMENT | C | EXAMPLE |
| | | | CN-C | COMMA | 0 , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C | (A REAL) EXAMPLE |
| | | | CN-C | COMMA | 0 , | , |
| N6,NO4-C | YY | 00000 | | MODIFIED COMPLEMENT | ●●● C | THIS IS THE LEAST |
| N6,NO4-1 | YY | 00000 | | MODIFIED COMPLEMENT | C | LEAST |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S (C7V) | I CAN SAY |
| N6,NOU-C | YY | 00000 | | MODIFIED COMPLEMENT | ●●● CA | THESE ARE THE STUDENTS |
| | | | N9-X | COMPLEMENT MASTER | 0 C | ASSOCIATIONS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N6,NOU-1 | YY | 00000 |  | MODIFIED COMPLEMENT | CA | ••• THESE ARE THE |
|  |  |  | CN-D | COMMA | 1 C; | COMMUNICATION |
|  |  |  | A1-B | ATTRIBUTIVE ADJ | 0 CA | ELECTRONIC |
|  |  |  |  |  | (C+) | AND |
|  |  |  |  |  | (CA) | ASTRONAUTICAL |
|  |  |  | N6-X | MODIFIED COMPLEMENT | 0 C | COMPANIES |
| N6,NUM-0 | YY | 00000 |  | MODIFIED COMPLEMENT | CA | OTHER |
|  |  |  | N6-X | MODIFIED COMPLEMENT | 0 C | EXAMPLES |
| N6,PT1-0 | YY | 00000 |  | MODIFIED COMPLEMENT | CA | BROKEN |
|  |  |  | N6-X | MODIFIED COMPLEMENT | 0 C | WATCHES |
| N6,RI1-0 | YY | 00000 |  | MODIFIED COMPLEMENT | CA | SINGING |
|  |  |  | N6-X | MODIFIED COMPLEMENT | 0 C | GIRLS |
| N6,XC0-0 | YY | 00000 |  | MODIFIED COMPLEMENT | C+ | ••• THIS IS A RED |
|  |  |  | A1-B | ATTRIBUTIVE ADJ | 0 CA | AND |
|  |  |  | N6-X | MODIFIED COMPLEMENT | 0 C | WHITE |
|  |  |  |  |  |  | ROSE |
| N8,GT1-0 | YY | 00000 |  | OBJECT MASTER | OA | ••• WE NEED LANGUAGE |
|  |  |  | N8-X | OBJECT MASTER | 0 O | PROCESSING |
|  |  |  |  |  |  | MECHANISMS |
| N8,MMM-0 | YY | 00000 |  | OBJECT MASTER | O | ANALYSIS |
|  |  |  | ZO-B | (A) AND (B) (DROP) | 0 + | AND |
|  |  |  | NQ-X | NOUN OBJECT | 0 0 | SYNTHESIS |
| N8,MMM-1 | YY | 00000 |  | OBJECT MASTER | O | TRANSLATION |
|  |  |  | AP- | POST-POSITIONAL ADJ | 1 OPM | PERFORMED |
|  |  |  |  |  |  | (AUTOMATICALLY) |
| N8,MMM-2 | YY | 00000 |  | OBJECT MASTER | O | TRANSLATION |
|  |  |  | AC- | ADJECTIVE CLAUSE | 1 07S | WHICH |
|  |  |  |  |  | (07V) | IS PERFORMED |
|  |  |  |  |  |  | (AUTOMATICALLY) |
| N8,MMM-3 | YY | 00C00 |  | OBJECT MASTER | O | ANALYZERS |
|  |  |  | CN-B | COMMA | 0 , | , |
|  |  |  | NQ-X | NOUN OBJECT | 0 0 | TRANSFORMERS |
|  |  |  | XC-B | (A,B,) AND (C) | 0 + | AND |
|  |  |  | NQ-X | NOUN OBJECT | 0 0 | SYNTHESIZERS |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| N8,MMM-4 | YY | 00000 | | OBJECT MASTER | *** 0 | WE NEED LANGUAGE ANALYSIS |
| | | | CN-B | COMMA | 0 , | , |
| | | | | | | (STRUCTURAL) |
| | | | N2-X | OBJECT | 0 0 | DESCRIPTION |
| | | | CN-B | COMMA | 0 , | , |
| N8,NOU-0 | YY | 00000 | | OBJECT MASTER | 0A | TRANSLATION |
| | | | N8-X | OBJECT MASTER | 0 0 | PROGRAMS |
| | | | | | *** | WHAT WE NEED IS |
| | | | | | *** | LANGUAGE |
| N9,GT1-0 | YY | 00000 | | COMPLEMENT MASTER | CA | PROCESSING |
| | | | N9-X | COMPLEMENT MASTER | 0 C | MECHANISMS |
| N9,MMM-0 | YY | 00000 | | COMPLEMENT MASTER | C | ANALYSIS |
| | | | ZD-C | (A) AND (B) (DROP) | 0 + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 C | SYNTHESIS |
| N9,MMM-1 | YY | 00000 | | COMPLEMENT MASTER | C | TRANSLATION |
| | | | AP- | POST-POSITIONAL ADJ | 1 CPM | PERFORMED |
| | | | | | | (AUTOMATICALLY) |
| N9,MMM-2 | YY | 00000 | | COMPLEMENT MASTER | C | TRANSLATION |
| | | | AC- | ADJECTIVE CLAUSE | 1 C7S | WHICH |
| | | | | | (C7V) | IS PERFORMED |
| | | | | | | (AUTOMATICALLY) |
| N9,MMM-3 | YY | 00000 | | COMPLEMENT MASTER | C | ANALYZERS |
| | | | CN-C | COMMA | 0 , | , |
| | | | N3-X | NOUN COMPLEMENT | 0 C | TRANSFORMERS |
| | | | XC-C | (A,B,) AND (C) | 0 + | AND |
| | | | N3-X | NOUN COMPLEMENT | 0 C | SYNTHESIZERS |
| N9,MMM-4 | YY | 00000 | | COMPLEMENT MASTER | C | ANALYSIS |
| | | | CN-C | COMMA | 0 , | , |
| | | | | | | (STRUCTURAL) |
| | | | N3-X | NOUN COMPLEMENT | 0 C | DESCRIPTION |
| | | | CN-C | COMMA | 0 , | , |
| N9,NOU-0 | YY | 00000 | | COMPLEMENT MASTER | CA | TRANSLATION |
| | | | N9-X | COMPLEMENT MASTER | 0 C | PROGRAMS |
| | | | | | *** | HE SAID |
| NC,AV1-0 | AD | 00000 | | NOUN CLAUSE | -D | REPEATEDLY |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | PROUDLY |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD WON |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NC,AV2-0 | AD | 00000 | | NOUN CLAUSE | *** -D | HE POINTED OUT |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | WAS |
| | | | | | ($C) | WRONG |
| NC,AV3-0 | AB | 00000 | | NOUN CLAUSE | *** -DD | HE SAID AS |
| | | | DA-33-C | ADVERB AS-CLAUSE | 0 -D 0 -D8R | PROUDLY AS |
| | | | | | (-D8C) | POSSIBLE |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD LOST |
| NC,AV3-1 | AB | 00000 | | NOUN CLAUSE | -DD | AS |
| | | | CA-C3-C | ADVERB AS (OF COMPARISON) | 0 -D 0 -D8R | PROUDLY AS |
| | | | 1Z-A | SUBJECT | 2 -D8S | HE |
| | | | VZ-G | PREDICATE | 2 -D8V | WAS |
| | | | | | (-D8C) | ABLE |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD LOST |
| NC,AV5-0 | AD | 00000 | | NOUN CLAUSE | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | PROUDLY |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD LOST |
| NC,AV6-0 | AB | 00000 | | NOUN CLAUSE | -D | MORE (PROUDLY) |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD LOST |
| NC,AV6-1 | AB | 00000 | | NOUN CLAUSE | -D | MORE (PROUDLY) |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8S) | ANYONE (ELSE) |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAD LOST |
| NC,CMA-0 | BC | 00000 | | NOUN CLAUSE | *** *** | I BELIEVE FROM MY PAST EXPERIENCE , |
| | | | NC-X | NOUN CLAUSE | 0 $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAS FAILED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I BELIEVE FROM |
| | | | | | ••• | MY PAST EXPERIENCE |
| NC,CMA-1 | IN | 00000 | | NOUN CLAUSE | -, | , |
| | | | CA- | ADVERB | 0 -PR | FROM |
| | | | | | (-PO) | (MY) STANDPOINT |
| | | | CN-R | COMMA | 0 -, | , |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAS FAILED |
| | | | | | | |
| NC,CMA-2 | IN | 00000 | | NOUN CLAUSE | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | YOU |
| | | | | | ($V) | HAVE SUCCEEDED |

- - - - - - - - - - - - - - - - - - - -

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I DON•T BELIEVE |
| NC,CO1-0 | CO | 00000 | | NOUN CLAUSE | $R | THAT |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | HE |
| | | | | | ($V) | HAS FAILED |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $R | THAT |
| | | | | | ($S) | SHE |
| | | | | | ($V) | HAS SUCCEEDED |

- - - - - - - - - - - - - - - - - - - - - -

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I DON•T BELIEVE |
| NC,CPR-0 | AD | 00000 | | NOUN CLAUSE | -D | REGARDLESS |
| | | | DP- | PREPOSITIONAL PHR | 1 -DPR | OF |
| | | | | | (-DPO) | (HIS) ABILITY |
| | | | NC-X | NOUN CLAUSE | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | HAS FAILED |

- - - - - - - - - - - - - - - - - - - - - -

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I WANT TO KNOW |
| NC,IAD-0 | OV | 00000 | | NOUN CLAUSE | $OA | WHICH |
| | | | N5-A | MODIFIED OBJECT | 1 $O | BOOK |
| | | | SF-X | DECLAR CL WITH NO OBJ | 0 $S | YOU |
| | | | | | ($V) | BOUGHT |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHICH |
| | | | | | ($S) | YOU |
| | | | | | ($V) | BORROWED |
| NC,IAD-1 | SV | 00000 | | NOUN CLAUSE | $SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | SIDE |
| | | | VZ-X | PREDICATE | 1 $V | WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $D | HOW |
| | | | | | ($S) | IT |
| | | | | | ($V) | WON |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | I WANT TO KNOW |
| NC,IAD-2 | CV | 00000 | | NOUN CLAUSE | | $CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | $C | SON |
| | | | 1Z-A | SUBJECT | 1 | $S | HE |
| | | | CZ-X | COPULA | 1 | $V | IS |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-X | NOUN CLAUSE | 0 | $0 | WHAT |
| | | | | | | ($S) | HE |
| | | | | | | ($V) | IS DOING |
| NC,IAD-3 | OV | 00000 | | NOUN CLAUSE | | $OA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 1 | $0 | BOOK |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 | $VR | TO |
| | | | | | | ($V) | READ |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-X | NOUN CLAUSE | 0 | $0 | WHAT |
| | | | | | | ($VR) | TO |
| | | | | | | ($V) | MEMORIZE |
| - - - | - | - - - | - - - | - - - - - - - - - - - - | - - | - - | - - - |
| NC,IAV-0 | AD | 00000 | | NOUN CLAUSE | | $D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | $+ | AND |
| | | | IO- | INTERROG ADVERB | 1 | $D | WHERE |
| | | | SG-X | DECLARATIVE CLAUSE | 0 | $S | HE |
| | | | | | | ($V) | WENT |
| NC,IAV-1 | AD | 00000 | | NOUN CLAUSE | | $D | WHEN |
| | | | SG-X | DECLARATIVE CLAUSE | 0 | $S | HE |
| | | | | | | ($V) | LEFT (HERE) |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-X | NOUN CLAUSE | 0 | $D | WHEN |
| | | | | | | ($S) | HE |
| | | | | | | ($V) | CAME (BACK) |
| NC,IAV-2 | AD | 00000 | | NOUN CLAUSE | | $D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | $+ | AND |
| | | | IO- | INTERROG ADVERB | 1 | $+ | WHERE |
| | | | IF-F | TO-INFINITIVE | 0 | $VR | TO |
| | | | | | | ($V) | GO |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-X | NOUN CLAUSE | 0 | $0 | WHAT |
| | | | | | | ($VR) | TO |
| | | | | | | ($V) | DO |
| - - - | - | - - - | - - - | - - - - - - - - - - - - | - - | - - | - - - |
| NC,IPN-0 | SV | 00000 | | NOUN CLAUSE | | $S | WHO |
| | | | VC-X | PREDICATE | 1 | $V | WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | NC-X | NOUN CLAUSE | 0 | $S | WHO |
| | | | | | | ($V) | LOST |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | I WANT TO KNOW |
| NC,IPN-1 | CV | 00000 | | NOUN CLAUSE | $C | WHO |
| | | | 1Z-A | SUBJECT | 1 $S | HE |
| | | | CZ-X | COPULA | 1 $V | IS |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 ● | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | DOES |
| NC,IPO-0 | OV | 00000 | | NOUN CLAUSE | $O | WHOM |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 1 $● | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 1 $O | WHAT |
| | | | SF-X | DECLAR CL WITH NO OBJ | 0 $S | SHE |
| | | | | | ($V) | LIKES |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 ● | AND |
| | | | NC-X | NOUN CLAUSE | 0 $S | WHO |
| | | | | | ($V) | LIKES |
| | | | | | ($O) | HER |
| NC,IPO-1 | OI | 00000 | | NOUN CLAUSE | $O | WHOM |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 1 $● | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 1 $O | WHAT |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 $VR | TO |
| | | | | | ($V) | SEE |
| | | | ZM-I | COMMA,ANC,OR (DROP) | 0 ● | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($VR) | TO |
| | | | | | ($V) | DO |
| NC,PRE-0 | PH | 00000 | | NOUN CLAUSE | $PR | TO |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $PO | WHOM |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | I |
| | | | | | ($V) | SHOULD WRITE |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 ● | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($S) | I |
| | | | | | ($V) | SHOULD WRITE |
| NC,PRE-1 | PH | 00000 | | NOUN CLAUSE | /PR | IN |
| | | | NO-G | NOUN OBJECT | 1 /PO | DETAIL |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /● | AND |
| | | | CA- | ADVERB | 0 /O | PRECISELY |
| | | | NC-X | NOUN CLAUSE | Y $O | WHAT |
| | | | | | ($S) | WE |
| | | | | | ($V) | SHOULD DO (NEXT) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NC,PRE-2 | PH | 00000 | | NOUN CLAUSE | •••<br>/PR | I WANT TO KNOW<br>BEFORE |
| | | | GR-B | GERUND | 1 /POG | LEAVING (HERE) |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | OR |
| | | | DA- | ADVERB | 0 /PR | AFTER |
| | | | | | (/POG) | COMING (BACK) |
| | | | NC-X | NOUN CLAUSE | Y SO | WHAT |
| | | | | | (SS) | WE |
| | | | | | (SV) | SHOULD DO (NEXT) |
| NC,PRE-3 | PH | 00000 | | NOUN CLAUSE | /PR | BEFORE |
| | | | CN-F | COMMA,AND,OR | 1 /P+ | OR |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | (THE) WEEKEND |
| | | | NC-X | NOUN CLAUSE | Y SO | WHAT |
| | | | | | (SS) | WE |
| | | | | | (SV) | SHOULD DO (NEXT) |
| | | | | | •••<br>••• | THIS IS THE MAN WE<br>TOLD ME |
| ND,AV1-0 | AD | 00000 | | NOUN CL WITH NO OBJ | -D | AGAIN |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | AGAIN |
| | | | ND-X | NOUN CL WITH NO OBJ | Y SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | DISLIKED |
| ND,AV5-0 | AD | 00000 | | NOUN CL WITH NO OBJ | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | SERIOUSLY |
| | | | ND-X | NOUN CL WITH NO OBJ | Y SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | DISLIKED |
| ND,AV8-0 | AD | 00000 | | NOUN CL WITH NO OBJ | -D | TOO |
| | | | ND-X | NOUN CL WITH NO OBJ | Y SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | DISLIKED |
| ND,CMA-0 | IN | 00000 | | NOUN CL WITH NO OBJ | -, | , |
| | | | CA- | ADVERB | 0 -D | SOMETIME AGO |
| | | | CN-R | COMMA | 0 -, | , |
| | | | ND-X | NOUN CL WITH NO OBJ | Y SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | DISLIKED |
| ND,CMA-1 | IN | 00000 | | NOUN CL WITH NO OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (HONESTLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | ND-X | NOUN CL WITH NO OBJ | Y SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | DISLIKED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN HE |
| | | | | | ••• | TOLD ME |
| NO,CO1-0 | CO | 00000 | | NOUN CL WITH NO OBJ | $R | THAT |
| | | | SF-X | DECLAR CL WITH NO OBJ | O $S | HE |
| | | | | | ($V) | DISLIKED |
| | | | | | ••• | THIS IS THE MAN HE |
| | | | | | ••• | ASKED ME |
| NO,IAV-0 | AD | 00000 | | NOUN CL WITH NO OBJ | $D | WHERE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | ID- | INTERROG ADVERB | 1 $D | WHEN |
| | | | SF-X | DECLAR CL WITH NO OBJ | O $S | I |
| | | | | | ($V) | HAD SEEN |
| | | | | | ••• | THIS IS THE MAN HE |
| | | | | | ••• | SAID |
| NO,PRE-0 | PH | 00000 | | NOUN CL WITH NO OBJ | /PR | TO |
| | | | NO-G | NOUN OBJECT | 1 /PO | HE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /+ | AND |
| | | | DA- | ADVERB | O /PR | TO |
| | | | | | (/PO) | (MY) BROTHER |
| | | | NO-X | NOUN CL WITH NO OBJ | Y $R | THAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | DISLIKED |
| | | | | | ••• | HE ORDERED |
| NE,AV1-0 | AD | 00000 | | SUBJUNCTIVE NOUN CL | -D | REPEATEDLY |
| | | | ZM-E | COMMA,AND,O.. (DROP) | O -+ | AND |
| | | | CA- | ADVERB | O -D | ARROGANTLY |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,AV3-0 | AB | 00000 | | SUBJUNCTIVE NOUN CL | -DD | AS |
| | | | DA- | ADVERB | O -D | ARROGANTLY |
| | | | 33-C | AS-CLAUSE | O -DBR | AS |
| | | | | | (-DBC) | POSSIBLE |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,AV3-1 | AB | 00000 | | SUBJUNCTIVE NOUN CL | -DD | AS |
| | | | DA- | ADVERB | O -D | ARROGANTLY |
| | | | C3-C | AS (OF COMPARISON) | O -DBR | AS |
| | | | 1Z-A | SUBJECT | 2 -DBS | HE |
| | | | VZ-G | PREDICATE | 2 -DBV | WAS |
| | | | | | (-DBC) | ABLE |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | HE ORDERED |
| NE,AV5-0 | AD | 00000 | | SUBJUNCTIVE NOUN CL | -DO | VERY |
| | | | DA- | ADVERB | 0 -D | ARROGANTLY |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,AV6-0 | AB | 00000 | | SUBJUNCTIVE NOUN CL | -D | MORE(ARROGANTLY) |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,AV6-1 | AB | 00000 | | SUBJUNCTIVE NOUN CL | -D | MORE (PROUDLY) |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8S) | ANYONE (ELSE) |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,AV8-0 | AD | 00000 | | SUBJUNCTIVE NOUN CL | -D | TOO |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| | | | | | *** | HE ORDERED TO EVERY |
| | | | | | *** | ONE IN THE COUNTRY |
| NE,CMA-0 | BC | 00000 | | SUBJUNCTIVE NOUN CL | . | . |
| | | | NE-X | SUBJUNCTIVE NOUN CL | 0 $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| | | | | | *** | HE SUGGESTED |
| NE,CMA-1 | IN | 00000 | | SUBJUNCTIVE NOUN CL | -, | . |
| | | | DA- | ADVERB | 0 -D | (VERY)ARROGANTLY |
| | | | CN-R | COMMA | 0 -, | . |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,CMA-2 | IN | 00000 | | SUBJUNCTIVE NOUN CL | -, | . |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (VERY) OFFENDED |
| | | | CN-R | COMMA | 0 -, | . |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | $S | IT |
| | | | | | $V | BE DONE (AT ONCE) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NE,CO1-0 | CO | 00000 | | SUBJUNCTIVE NOUN CL | ••• SR | HE SUGGESTED THAT |
| | | | SH-X | SUBJUNCTIVE CLAUSE | 0 $S (SV) | IT BE DONE (AT ONCE) |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NE-X | SUBJUNCTIVE NOUN CL | 0 SR (SD) (SV) (SS) | THAT THERE BE (NO) DELAY |
| NE,CPR-0 | AD | 00000 | | SUBJUNCTIVE NOUN CL | -D | REGARDLESS |
| | | | DP- | PREPOSITIONAL PHR | 1 -DPR (-DPO) | OF (MY) OPPOSITION |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y SR (SS) (SV) | THAT IT BE DONE (AT ONCE) |
| NE,IAD-0 | OV | 00000 | | SUBJUNCTIVE NOUN CL | ••• SOA | HE TOLD ME WHAT |
| | | | N5-A | MODIFIED OBJECT | 1 SO | BOOK |
| | | | SF-X | DECLAR CL WITH NO OBJ | 0 SS (SV) | I SHOULD READ |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 SO (SS) (SV) | WHICH I SHOULD NEGLECT |
| NE,IAD-1 | SV | 00000 | | SUBJUNCTIVE NOUN CL | SSA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 1 SS | SIDE |
| | | | VZ-X | PREDICATE | 1 SV | WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 SD (SS) (SV) | HOW , IT WON |
| NE,IAD-2 | CV | 00000 | | SUBJUNCTIVE NOUN CL | SCA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 SC | SON |
| | | | 1Z-A | SUBJECT | 1 SS | HE |
| | | | CZ-A | COPULA | 1 SV | WAS |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 SO (SS) (SV) | WHAT HE WAS DOING |
| NE,IAD-3 | CV | 00000 | | SUBJUNCTIVE NOUN CL | SOA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 1 SO | BOOK |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 SVR (SV) | TO READ |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 SO (SVR) (SV) | WHAT TO MEMORIZE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NE,IAV-0 | AD | 00000 | | SUBJUNCTIVE NOUN CL | $O *** | HE TOLD ME |
| | | | | | $O | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | ID- | INTERROG ADVERB | 1 $O | WHERE |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | HE |
| | | | | | ($V) | WENT |
| NE,IAV-1 | AD | 00000 | | SUBJUNCTIVE NOUN CL | $O | WHEN |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | HE |
| | | | | | ($V) | LEFT (HERE) |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHEN |
| | | | | | ($S) | HE |
| | | | | | ($V) | CAME (BACK) |
| NE,IAV-2 | AD | 00000 | | SUBJUNCTIVE NOUN CL | $O | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | ID- | INTERROG ADVERB | 1 $O | WHERE |
| | | | II-F | TO-INFINITIVE | 0 $VR | TO |
| | | | | | ($V) | GO |
| | | | ZM-I | COMMA,AND,OR (DRCP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($VR) | TO |
| | | | | | ($V) | DO |
| NE,IPN-0 | SV | 00000 | | SUBJUNCTIVE NOUN CL | $S | WHO |
| | | | VC-X | PREDICATE | 1 $V | WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $S | WHO |
| | | | | | ($V) | LOST |
| NE,IPN-1 | CV | 00000 | | SUBJUNCTIVE NOUN CL | $C | WHO |
| | | | 1Z-A | SUBJECT | 1 $S | HE |
| | | | CZ-X | COPULA | 1 $V | WAS |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($S) | HE |
| | | | | | ($V) | DID |
| NE,IPO-0 | OV | 00000 | | SUBJUNCTIVE NOUN CL | $O | WHOM |
| | | | ZC-B | (A,B,) AND (C) | 1 $+ | AND |
| | | | IC- | INTERROGATIVE PRN ACC | 1 $O | WHAT |
| | | | SF-X | DECLAR CL WITH NC OBJ | 0 $S | SHE |
| | | | | | ($V) | LIKED |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $S | WHO |
| | | | | | ($V) | LIKED |
| | | | | | ($O) | HER |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE TOLD ME |
| NE,IPO-1 | OV | 00000 | | SUBJUNCTIVE NOUN CL | $O | WHOM |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 1 $O | WHAT |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 $VR | TO |
| | | | | | ($V) | SEE |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($VR) | TO |
| | | | | | ($V) | SAY |
| | | | | | ••• | HE SUGGESTED |
| NE,PRE-0 | PH | 00000 | | SUBJUNCTIVE NOUN CL | $PR | TO |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $PO | WHOM |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | I |
| | | | | | ($V) | SHOULD WRITE |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-X | NOUN CLAUSE | 0 $O | WHAT |
| | | | | | ($S) | I |
| | | | | | ($V) | SHOULD WRITE |
| NE,PRE-1 | PH | 00000 | | SUBJUNCTIVE NOUN CL | /PR | TO |
| | | | NO-G | NOUN OBJECT | 1 /PO | ME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | TO |
| | | | | | (/PO) | (MY) BROTHER |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $ | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,PRE-2 | PH | 00000 | | SUBJUNCTIVE NOUN CL | /PR | AFTER |
| | | | GR-B | GERUND | 1 /POG | GETTING (UP) |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | BEFORE |
| | | | | | (/POG) | GOING (TO BED) |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| NE,PRE-3 | PH | 00000 | | SUBJUNCTIVE NOUN CL | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | (THE) WEEKEND |
| | | | NE-X | SUBJUNCTIVE NOUN CL | Y $R | THAT |
| | | | | | ($S) | IT |
| | | | | | ($V) | BE DONE (AT ONCE) |
| | | | | | ••• | I WILL LOOK FOR |
| NQ,AAA-0 | YY | 00000 | | NOUN OBJECT | OA | GOOD |
| | | | N5-X | MODIFIED OBJECT | 0 O | EXAMPLES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NQ,AAB-0 | YY | 00000 | | NOUN OBJECT | OA | ••• I WILL LOOK FOR BETTER |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLES |
| | | | BB-A | THAN-CLAUSE | 1 OABR (OABS) | THAN YOURS |
| NQ,ADN-0 | YY | 00000 | | NOUN OBJECT | OA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 2 OAD (OA) | THAN TWENTY |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXAMPLES |
| NQ,ADP-0 | YY | 00000 | | NOUN OBJECT | OA | SUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXAMPLES |
| NQ,ADP-1 | YY | 0000C | | NOUN OBJECT | OA | SUCH |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXAMPLES |
| | | | 33-A | AS-CLAUSE | 1 OABR (OABS) (OABV) | AS YOU USED |
| NQ,AV1-0 | AD | 00000 | | NOUN OBJECT | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | OA- | ADVERB | 0 -D | THEN |
| | | | NQ-X | NOUN OBJECT | Y 0 | EXAMPLES |
| NQ,AV3-0 | AB | 00000 | | NOUN OBJECT | OAD | AS |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | MANY |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXAMPLES |
| | | | 33-A | AS-CLAUSE | 1 OABR (OABC) | AS POSSIBLE |
| NQ,AV5-0 | AD | 0000C | | NOUN OBJECT | -DD | VERY |
| | | | OA- | ADVERB | 0 -D | CAREFULLY |
| | | | N8-X | OBJECT MASTER | Y 0 | EXAMPLES |
| NQ,AV5-1 | AD | 00000 | | NOUN OBJECT | -DD | VERY |
| | | | OA- | ADVERB | 0 -D | CAREFULLY |
| | | | AR-C | ARTICLE | Y OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | Y 0 | EXAMPLES |
| NQ,AV5-2 | AD | 00000 | | NOUN OBJECT | OAD | VERY |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | ILLUSTRATIVE |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLES |
| NQ,AV6-0 | AB | 00000 | | NOUN OBJECT | -D | MORE (CAREFULY) |
| | | | NQ-X | NOUN OBJECT | Y 0 | (A GOOD) EXAMPLE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NQ,AV6-1 | AB | 00000 | | NOUN OBJECT | ••• -D | I WILL LOOK FOR MORE |
| | | | 88-C | THAN-CLAUSE | 0 -D8R (-D8S) | THAN ANYONE (ELSE) |
| | | | NQ-X | NOUN OBJECT | Y 0 | (THE) MURDERER |
| NQ,AV6-2 | AB | 00000 | | NOUN OBJECT | -D | MORE |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | N2-A | OBJECT | 2 -D80 | ANYTHING (ELSE) |
| | | | NQ-X | NOUN OBJECT | Y 0 | (THE) MURDERER |
| NQ,AV6-3 | AB | 00000 | | NOUN OBJECT | -D | MORE |
| | | | CM-E | COMMA,AND,OR | 0 -+ | AND |
| | | | OA- | ADVERB | 0 -D | MORE |
| | | | NQ-X | NOUN OBJECT | Y 0 | (THE) REASONS |
| NQ,AV8-0 | YY | 00000 | | NOUN OBJECT | OAD | TOO |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | MANY |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXAMPLES |
| NQ,CMA-0 | IN | 00000 | | NOUN OBJECT | -, | , |
| | | | CA- | ADVERB | 0 -PR (-PO) | ABOVE ALL |
| | | | CN-R | COMMA | 0 -, | , |
| | | | NQ-X | NOUN OBJECT | Y 0 | (THOSE) EXAMPLES |
| NQ,CMA-1 | IN | 00000 | | NOUN OBJECT | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | NQ-X | NOUN OBJECT | Y 0 | (A BETTER) MAN |
| NQ,NNN-0 | YY | 00000 | | NOUN OBJECT | 0 | EXAMPLES |
| | | | ZD-B | (A) AND (B) (DROP) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXPLANATIONS |
| NQ,NNN-1 | YY | 00000 | | NOUN OBJECT | 0 | EXAMPLES |
| | | | AP- | POST-POSITIONAL ADJ | 1 OA | ILLUSTRATIVE (OF THE CASE) |
| NQ,NNN-2 | YY | 00000 | | NOUN OBJECT | 0 | EXAMPLES |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S (07V) (07O) | WHICH ILLUSTRATE (THE) CASE |
| NQ,NNN-3 | YY | 00000 | | NOUN OBJECT | 0 | EXAMPLES |
| | | | CN-B | COMMA | 0 , | , |
| | | | NQ-X | NOUN OBJECT | 0 0 | EXPLANATIONS |
| | | | XC-B | (A,B,) AND (C) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | CONCLUSIONS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I WILL LOOK FOR |
| NQ,NNN-4 | YY | 00000 | | NOUN OBJECT | 0 | EXAMPLES |
| | | | CN-B | COMMA | 0 ; | , |
| | | | N2-X | OBJECT | 0 0 | (GOOD) EXAMPLES |
| | | | CN-B | COMMA | 0 ; | , |
| NQ,NO4-0 | YY | 00000 | | NOUN OBJECT | 0 | MORE |
| NQ,NOU-0 | YY | 00000 | | NOUN OBJECT | OA | RESEARCH |
| | | | N8-X | OBJECT MASTER | 0 0 | ASSISTANTS |
| NQ,NOU-1 | YY | 00000 | | NOUN OBJECT | OA | COMMUNICATION |
| | | | CN-D | COMMA | 1 0, | , |
| | | | A1-C | ATTRIBUTIVE ADJ | 0 OA | ELECTRONIC |
| | | | | | (0+) | AND |
| | | | | | (OA) | ASTRONAUTICAL |
| | | | N5-X | MODIFIED OBJECT | 0 0 | COMPANIES |
| NQ,NUM-0 | YY | 00000 | | NOUN OBJECT | OA | TWENTY |
| | | | N5-X | MODIFIED OBJECT | 0 0 | EXAMPLES |
| | | | | | ••• | THERE IS NO SECRET |
| | | | | | ••• | BETWEEN |
| NQ,PRO-0 | YY | 00000 | | NOUN OBJECT | 0 | YOU |
| | | | ZO-B | (A) AND (B) (DROP) | 0 + | AND |
| | | | NO-X | NOUN OBJECT | 0 0 | ME |
| | | | | | ••• | AS FOR |
| NQ,PRO-1 | YY | 00000 | | NOUN OBJECT | 0 | THEM |
| | | | AC- | ADJECTIVE CLAUSE | 1 07S | WHO |
| | | | | | (07V) | ARE ENGAGED (IN HT,) |
| | | | | | | NOTHING IS MORE INTERESTING THAN... |
| | | | | | ••• | THERE IS NO SECRET |
| | | | | | ••• | BETWEEN |
| NQ,PRO-2 | YY | 00000 | | NOUN OBJECT | 0 | YOU |
| | | | CN-B | COMMA | 0 ; | , |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | XC-B | (A,B,) AND (C) | 0 + | AND |
| | | | NQ-X | NOUN OBJECT | 0 0 | THEM |
| NQ,PRO-3 | YY | 00000 | | NOUN OBJECT | 0 | US |
| | | | CN-B | COMMA | 0 ; | , |
| | | | N2-X | OBJECT | 0 0 | THE PEOPLE(OF USA) |
| | | | CN-B | COMMA | C , | , |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| NQ,PT1-0 | YY | 00000 |  | NOUN OBJECT | ••• OA | I WILL GIVE HELP TO WOUNDED |
|  |  |  | NS-X | MODIFIED OBJECT | 0 0 | SOLDIERS |
| NQ,RI1-0 | YY | 00000 |  | NOUN OBJECT | OA | WEEPING |
|  |  |  | NS-X | MODIFIED OBJECT | 0 0 | CHILDREN |
| NQ,RL3-0 | SV | 00000 |  | NOUN OBJECT | 5S | WHOEVER |
|  |  |  | VC-D | PREDICATE | 1 5V | NEEDS |
|  |  |  |  |  | (50) | HELP |
| NQ,RL3-1 | CN | 00000 |  | NOUN OBJECT | 5C | WHOEVER |
|  |  |  | 1Z-A | SUBJECT | 1 5S | THEY |
|  |  |  | CZ-D | COPULA | 1 5V | ARE |
| NQ,RL4-0 | CV | 00000 |  | NOUN SUBJECT | 50 | WHOMEVER |
|  |  |  | 1Z-A | SUBJECT | 1 5S | YOU |
|  |  |  | WZ-D | PREDICATE WITH NO OBJ | 1 5V | REFER |
|  |  |  |  |  | (50) | ME |
|  |  |  |  |  | (50PR) | TO |
| PA,AV1-0 | AD | 00000 |  | PARTICIPLE | ••• -D | THEY ARE NOW |
|  |  |  | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
|  |  |  | DA- | ADVERB | 0 -D | THEN |
|  |  |  | PA-X | PARTICIPLE | Y $ | WORKING |
| PA,AV3-0 | AB | 00000 |  | PARTICIPLE | -DC | AS |
|  |  |  | DA- | ADVERB | 0 -D | OFTEN |
|  |  |  | 33-C | AS-CLAUSE | 0 -D8R | AS |
|  |  |  |  |  | (-D8C) | POSSIBLE |
|  |  |  | PA-X | PARTICIPLE | Y $ | WORKING |
| PA,AV5-0 | AD | 00000 |  | PARTICIPLE | $D | VERY |
|  |  |  | PA-X | PARTICIPLE | Y $ | DISCOURAGED |
| PA,AV6-0 | AD | 00000 |  | PARTICIPLE | -D | MORE |
|  |  |  | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
|  |  |  |  |  | (-D8S) | ANYONE (ELSE) |
|  |  |  | PA-X | PARTICIPLE | Y $ | APPRECIATED |
| PA,AV6-1 | AD | 00000 |  | PARTICIPLE | -D | MORE |
|  |  |  | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
|  |  |  | N2-A | OBJECT | 2 -D80 | ANYTHING (ELSE) |
|  |  |  | PA-X | PARTICIPLE | Y $ | VIOLATING |
|  |  |  |  |  | (0) | (THE) LAW |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PA,AV6-2 | AB | 00000 |  | PARTICIPLE | ***   -D | THEY ARE<br>MORE |
|  |  |  | PA-X | PARTICIPLE | Y $ | DISABLED |
| PA,AV8-0 | AD | 00000 |  | PARTICIPLE | $D | TOO |
|  |  |  | PA-X | PARTICIPLE | Y $ | INTERESTED |
| PA,BR1-0 | YY | 00000 |  | PARTICIPLE | ***   $ | THEY<br>BEING |
|  |  |  | DB- | ADVERB AFTER BE1 | 1 $D | OUTDOORS |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PA-X | PARTICIPLE | Y $ | PLAYING<br>, IT IS PEACEFUL |
| PA,BR2-0 | YY | 00000 |  | PARTICIPLE | ***   $ | THEY<br>BEING |
|  |  |  | AI-X | ADJECTIVE | 0 C | INTELLIGENT |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PA-X | PARTICIPLE | Y $ | CONTRIBUTING<br>, WE ADMIRE THEM |
| PA,BR2-1 | YY | 00000 |  | PARTICIPLE | $ | BEING |
|  |  |  | N3-X | NOUN COMPLEMENT | 0 C | STUDENTS |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PA-X | PARTICIPLE | Y $ | LEARNING<br>, WE ADMIRE THEM |
| PA,BR2-2 | YY | 00000 |  | PARTICIPLE | ***   $ | THE IDEA<br>BEING |
|  |  |  | NC-E | NOUN CLAUSE | 0 6R<br>(6S)<br>(6V) | THAT<br>IT<br>PAYS<br>, WE WILL ACCEPT IT |
| PA,BR3-0 | YY | 00000 |  | PARTICIPLE | ***   $X | THEY<br>BEING |
|  |  |  | PA-X | PARTICIPLE | Y $ | ENGAGED (IN THIS) |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PA-X | PARTICIPLE | Y $ | SUCCEEDING<br>, WE WILL ACCEPT IT |
| PA,CMA-0 | IN | 00000 |  | PARTICIPLE | ***   -, | THEY ARE<br>, |
|  |  |  | DA- | ADVERB | 0 -D | INDEED |
|  |  |  | CN-R | COMMA | 0 -, | , |
|  |  |  | PA-X | PARTICIPLE | Y $ | INTERESTED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PA,CMA-1 | IN | 00000 | | PARTICIPLE | \*\*\* -, | THEY ARE , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PA-X | PARTICIPLE | Y $ | (NOT) INTERESTED (IN THIS PROBLEM) |
| PA,HVP-0 | YY | 00000 | | PARTICIPLE | \*\*\* $X | THE BOY HAVING |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | PASSED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y , | , |
| | | | PA-X | PARTICIPLE | Y $ | STUDYING (OFTEN) ,WE WERE RELIEVED |
| PA,HVP-1 | YY | 00000 | | PARTICIPLE | $X | HAVING |
| | | | IF-X | TO-INFINITIVE | 0 $R (N) | TO PASS |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | SUCCEEDING (SOON) , WE WERE RELIEVED |
| PA,PI1-0 | YY | 00000 | | PARTICIPLE | \*\*\* $ | HE WAS RUN |
| | | | DQ- | PREPOSITION | 1 $PR | OVER (BY A CAR ..) |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | TAKEN (AWAY) |
| PA,PI3-0 | YY | 00000 | | PARTICIPLE | \*\*\* $ | THE JOB HAS APPLIED |
| | | | DQ- | PREPOSITION | 1 $PR | FOR (BY A MAN ..) |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | FILLED |
| PA,PRE-0 | PH | 00000 | | PARTICIPLE | \*\*\* /PR | THEY ARE BY |
| | | | GR-B | GERUND | 1 /POG | WRITING |
| | | | ZC-E | (A,B,) AND (C) (CRCP) | 0 /+ | AND BY |
| | | | CA- | ADVERB | C /PR (/POG) | CALLING |
| | | | PA-X | PARTICIPLE | Y $ | CORRESPONDING |
| PA,PRE-1 | PH | 00C0C | | PARTICIPLE | /PR | IN |
| | | | NC-G | NOUN OBJECT | 1 /PO | CLASSES |
| | | | ZC-E | (A,B,) AND (C) (CRCP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR (/PC) | AT HOPE |
| | | | PA-X | PARTICIPLE | Y $ | STUDYING ... |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PA,PRE-2 | PH | 0000C | | PARTICIPLE | ••• /PR | THEY ARE INSIDE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (THE) HOME |
| | | | PA-X | PARTICIPLE | Y $ | GIVING |
| PA,PT1-0 | YY | 00000 | | PARTICIPLE | ••• $ | THE MAN WAS PRAISED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | PAID |
| PA,PT2-0 | YY | 00000 | | PARTICIPLE | ••• $ | HE HAS BEEN TAUGHT |
| | | | N2-X | OBJECT | 0 0 | ENGLISH |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | PRAISED |
| PA,PT3-0 | YY | 00000 | | PARTICIPLE | $ | FOUND |
| | | | AI-X | ADJECTIVE | 0 C | GUILTY |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | COMMITTED (TO ..) |
| PA,PT3-1 | YY | 00000 | | PARTICIPLE | $ | APPOINTED |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PRESIDENT |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | (GREATLY) ADMIRED |
| PA,PT4-0 | YY | 00000 | | PARTICIPLE | ••• $ | THEY HAVE BEEN MADE |
| | | | IF-R | TO-INFINITIVE | 0 CVR | TO |
| | | | | | (CV) | BELIEVE |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | RUINED |
| PA,PT5-0 | YY | 00C00 | | PARTICIPLE | ••• $ | IT HAS BEEN HEARD |
| | | | PA-R | PARTICIPLE | 0 $ | RINGING |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | FIXED |
| PA,PT7-0 | YY | 0000C | | PARTICIPLE | ••• $ | HE HAS TOLD |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | TRUE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PA,PT7-1 | YY | 00000 | | PARTICIPLE | ••• $ | HE WAS TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | IT |
| | | | | | (5V) | IS |
| | | | | | 5C | TRUE |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | WAS |
| | | | | | (5C) | (THE) END |
| PA,RI1-0 | YY | 00000 | | PARTICIPLE | ••• $ | HE IS WORKING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | SUCCEEDING (TOO) |
| PA,RI1-1 | YY | 00000 | | PARTICIPLE | $ | CRYING |
| | | | PA-C | PARTICIPLE | 1 $PM | HIDING (IN THERE) |
| PA,RI2-0 | YY | 00000 | | PARTICIPLE | $ | TURNING |
| | | | AI-X | ADJECTIVE | 0 C | BLUE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | DYING |
| PA,RI2-1 | YY | 00000 | | PARTICIPLE | $ | BECOMING |
| | | | N3-X | NOUN COMPLEMENT | C C | PRESIDENT |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | EXERCISING (HIS) AUTHORITY |
| PA,RI3-0 | YY | 00000 | | PARTICIPLE | ••• $ | IT IS CONSISTING |
| | | | CP- | PREPOSITIONAL PHR | 1 $PR | OF |
| | | | | | ($PO) | (EIGHT) MEMBERS |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | THRIVING (WELL) |
| PA,RT1-0 | YY | 00000 | | PARTICIPLE | $ | AGGRAVATING |
| | | | N2-X | OBJECT | 0 0 | ME |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PA-X | PARTICIPLE | Y $ | HURTING |
| | | | | | (0) | HER |
| PA,RT1-1 | YY | 00000 | | PARTICIPLE | $ | HURTING |
| | | | CM-M | COMMA,AND,OR | 0 + | BUT |
| | | | R1-X | PARTICIPLE VT1 | 0 $ | TEACHING |
| | | | | | (0) | HIM |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE IS |
| PA,RT2-0 | YY | 00000 | | PARTICIPLE | $ | TEACHING |
| | | | NQ-X | NOUN OBJECT | 0  0 | ME |
| | | | N2-X | OBJECT | 0  0 | ENGLISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | LEARNING (HIMSELF) |
| PA,RT3-0 | YY | 00000 | | PARTICIPLE | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0  0 | HER |
| | | | AI-X | ADJECTIVE | 0  C | SORRY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | PUNISHING |
| | | | | | (0) | HER |
| PA,RT3-1 | YY | 00000 | | PARTICIPLE | $ | FINDING |
| | | | AI-X | ADJECTIVE | 0  C | UNPLEASANT |
| | | | AR-C | ARTICLE | 0  0A | THOSE |
| | | | N5-X | MODIFIED OBJECT | 0  0 | PEOPLE (THERE) |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | DISMISSING |
| | | | | | (0) | THEM |
| PA,RT3-2 | YY | 00000 | | PARTICIPLE | $ | APPOINTING |
| | | | NQ-X | NOUN OBJECT | 0  0 | HIM |
| | | | N3-X | NOUN COMPLEMENT | 0  C | CHAIRMAN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | RESIGNING |
| PA,RT4-0 | YY | 00000 | | PARTICIPLE | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0  0 | (THE) CHILD |
| | | | BV-Z | INFINITE VERB | 0  CV | CRY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | LAUGHING (AT HER) |
| PA,RT5-0 | YY | 00000 | | PARTICIPLE | $ | WATCHING |
| | | | NQ-X | NOUN OBJECT | 0  0 | (THE) CHILD |
| | | | PA-Z | PARTICIPLE | 0  CM | TEASED (BY A MAN) |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | AND |
| | | | PA-X | PARTICIPLE | Y  $ | (NOT) STOPPING |
| | | | | | (0) | HIM |
| PA,RT6-0 | YY | C0000 | | PARTICIPLE | $ | SAYING |
| | | | NC-D | NOUN CLAUSE | 0  5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | TRUE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y  + | BUT |
| | | | PA-X | PARTICIPLE | Y  $ | (ACTUALLY) LYING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | **●●●** | HE IS |
| PA,RT6-1 | YY | 00000 | | PARTICIPLE | $ | SAYING |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | TRUE |
| | | | ZM-W | COMMA,AND,OR (DROP) | O ● | , |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | (HER) FAULT |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y ● | BUT |
| | | | PA-X | PARTICIPLE | Y $ | (ACTUALLY) LYING |
| PA,RT7-0 | YY | 00000 | | PARTICIPLE | $ | TELLING |
| | | | NQ-X | NOUN OBJECT | O O | (THE) GIRL |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | TRUE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y ● | BUT |
| | | | PA-X | PARTICIPLE | Y $ | (REALLY) LYING |
| PA,RT7-1 | YY | 00000 | | PARTICIPLE | $ | TELLING |
| | | | NQ-X | NOUN OBJECT | O O | (THE) JUDGE |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | HE |
| | | | | | (5V) | IS |
| | | | | | (5C) | INNOCENT |
| | | | ZM-W | COMMA,AND,OR (DROP) | O ● | AND |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | (MUST) BELIEVE |
| | | | | | (50) | HIM |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y ● | BUT |
| | | | PA-X | PARTICIPLE | Y $ | (REALLY) LYING |
| | | | | | **●●●** | THIS IS THE BOOK |
| | | | | | **●●●** | HE IS |
| PB,AV1-0 | AD | 00000 | | PART WITH NO OBJ | -D | QUICKLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -● | BUT |
| | | | DA- | ADVERB | O -D | CAREFULLY |
| | | | PB-X | PART WITH NO OBJ | Y $ | READING |
| PB,AV5-0 | AD | 00000 | | PART WITH NO OBJ | $D | VERY |
| | | | PB-X | PART WITH NO OBJ | Y $ | INTERESTED |
| | | | | | ($PR) | IN |
| PB,AV8-0 | AD | 00000 | | PART WITH NO OBJ | $D | TOO |
| | | | PB-X | PART WITH NO OBJ | Y $ | INTERESTED |
| | | | | | ($PR) | IN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •••<br>••• | THIS IS THE BOOK<br>HE IS |
| PB,BR2-0 | YY | 00000 | | PART WITH NO OBJ | $ | BEING |
| | | | AI-X | ADJECTIVE | 0 C | CRITICAL |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZH-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | REWRITING |
| PB,BR2-1 | YY | 00000 | | PART WITH NO OBJ | $ | BEING |
| | | | N3-X | NOUN COMPLEMENT | 0 C | EDITOR |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZH-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | BUYING |
| PB,BR3-0 | YY | 00000 | | PART WITH NO OBJ | $X | BEING |
| | | | PB-X | PART WITH NO OBJ | Y $<br>($PR) | ADMIRED<br>FOR |
| PB,CMA-0 | IN | 00000 | | PART WITH NO OBJ | -, | , |
| | | | DA- | ADVERB | 0 -D | RIGHT (NOW) |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PB-X | PART WITH NO OBJ | Y $ | WRITING |
| PB,CMA-1 | IN | 00000 | | PART WITH NO OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PB-X | PART WITH NO OBJ | Y $ | PLAGIARIZING |
| PB,PRE-0 | PH | 00000 | | PART WITH NO OBJ | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HOME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /D | ABROAD |
| | | | PB-X | PART WITH NO OBJ | Y $ | WRITING |
| PB,PRE-1 | PH | 00000 | | PART WITH NO OBJ | /PR | DURING |
| | | | GR-B | GERUND | 1 /POG | CONVALESCING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR<br>(/PO) | IN<br>(HIS SPARE) TIME |
| | | | PB-X | PART WITH NO OBJ | Y $ | WRITING |
| PB,PRE-2 | PH | 00000 | | PART WITH NO OBJ | /PR | INSIDE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR<br>(/PO) | OUTSIDE<br>(HIS) STUDIO |
| | | | PB-X | PART WITH NO OBJ | Y $ | WORKING<br>ON |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | THIS IS THE BOOK |
| | | | | | ●●● | HE IS |
| PB,PT1-0 | YY | 00000 | | PART WITH NO OBJ | $ | FORCED |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 SDVR | TO |
| | | | | | (SDV) | READ |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | PB-X | PART WITH NO OBJ | Y $ | ENJOYING |
| PB,PT1-1 | YY | 00000 | | PART WITH NO OBJ | $ | INTERESTED |
| | | | DQ- | PREPOSITION | 1 SPR | IN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | FASCINATED |
| | | | | | (SPR) | BY |
| | | | | | ●●● | THIS IS THE BOOK |
| | | | | | ●●● | HE WAS |
| PB,PT2-0 | YY | 00000 | | PART WITH NO OBJ | $ | GIVEN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | FORCED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | READ |
| PB,PT2-1 | YY | 00000 | | PART WITH NO OBJ | $ | GIVEN |
| | | | N2-X | OBJECT | 0 0 | MONEY |
| | | | DQ- | PREPOSITION | 1 OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | FORCED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | BUY |
| PB,PT2-2 | YY | 00000 | | PART WITH NO OBJ | $ | GIVEN |
| | | | N2-X | OBJECT | 0 0 | MONEY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 ODVR | TO |
| | | | | | (ODV) | BUY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | FORCED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | READ |
| | | | | | ●●● | WHAT WAS HE |
| PB,PT3-0 | YY | 00000 | | PART WITH NO OBJ | $ | APPOINTED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | REPLACED |
| | | | | | (SPR) | WITH |
| PB,PT3-1 | YY | 00000 | | PART WITH NO OBJ | $ | FOUND |
| | | | AI-X | ADJECTIVE | 0 C | GUILTY |
| | | | CQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | HANGED |
| | | | | | (SPR) . | FOR |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | WHOM WAS HE |
| PB,PT3-2 | YY | 00000 | | PART WITH NO OBJ | $ | APPOINTED |
| | | | N3-X | NOUN COMPLEMENT | 0 C | ASSISTANT |
| | | | OQ- | PREPOSITION | 1 CPR | TO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | REPLACED |
| | | | | | (SPR) | BY |
| | | | | | ••• | WHAT WAS HE |
| PB,PT3-3 | YY | 00000 | | PART WITH NO OBJ | $ | FOUND |
| | | | AI-X | ADJECTIVE | 0 C | ABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (COV) | DO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | PRAISED |
| | | | | | (SPR) | FOR |
| | | | | | ••• | THIS IS THE COMPANY |
| | | | | | ••• | HE WAS |
| PB,PT3-4 | YY | 00000 | | PART WITH NO OBJ | $ | APPOINTED |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PRESIDENT |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (COV) | REFORM |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | DISAPPOINTED |
| | | | | | (SPR) | WITH |
| PB,PT4-0 | YY | 00000 | | PART WITH NO OBJ | $ | MADE |
| | | | IG-R | TO-INFIN WITH NO OBJ | 0 CVR | TO |
| | | | | | (CV) | WORK |
| | | | | | (CVPR) | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | DISAPPOINTED |
| | | | | | (SPR) | WITH |
| PB,PT5-0 | YY | 00000 | | PART WITH NO OBJ | $ | SEEN |
| | | | PB-R | PART WITH NO OBJ | 0 CM | ENTERING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | SEEN |
| | | | | | (CM) | LEAVING |
| | | | | | ••• | THIS IS THE BOY |
| | | | | | ••• | SHE WAS |
| PB,PT7-0 | YY | 00000 | | PART WITH NO OBJ | $ | ASKED |
| | | | ND-D | NOUN CL WITH NO OBJ | 0 5R | IF |
| | | | | | (5S) | SHE |
| | | | | | (5V) | LIKED |
| PB,PT7-1 | YY | 00000 | | PART WITH NO OBJ | $ | TOLD |
| | | | SF-D | DECLAR CL WITH NO OBJ | 0 5S | SHE |
| | | | | | (5V) | COULD (NOT) PLAY |
| | | | | | (5VPR) | WITH |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | THIS IS THE WOMAN |
| | | | | | ●●● | HE IS |
| PB,RI1-0 | YY | 00000 | | PART WITH NO OBJ | $ | WORKING |
| | | | DQ- | PREPOSITION | 1 SPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | MARRYING |
| PB,RI1-1 | YY | 00000 | | PART WITH NO OBJ | $ | GOING (THERE) |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 SDVR | TO |
| | | | | | (SDV) | SEE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | KILLING |
| PB,RI2-0 | YY | 00000 | | PART WITH NO OBJ | $ | BECOMING |
| | | | AI-X | ADJECTIVE | 0 C | FOND |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ESCORTING |
| PB,RI2-1 | YY | 00000 | | PART WITH NO OBJ | $ | BECOMING |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PARTNERS |
| | | | DQ- | PREPOSITION | 1 CPR | WITH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ESCORTING (THERE) |
| PB,RI2-2 | YY | 00000 | | PART WITH NO OBJ | $ | BECOMING |
| | | | AI-X | ADJECTIVE | 0 C | GRATEFUL |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | WORK |
| | | | | | (CDVPR) | WITH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ADMIRING (MORE) |
| PB,RI2-3 | YY | 00000 | | PART WITH NO OBJ | $ | TURNING |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PROTESTANT |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | MARRY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | DEGRADING |
| | | | | | ●●● | THIS IS THE BOOK |
| | | | | | ●●● | THE REPORT IS |
| PB,RI3-0 | YY | 00000 | | PART WITH NO OBJ | $ | CORRESPONDING |
| | | | DQ- | PREPOSITION | 1 SPR | TO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | CRITIZING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE JOB |
| | | | | | ••• | I AM |
| PB,RI3-1 | YY | 00000 | | PART WITH NO OBJ | $ | LOOKING |
| | | | OP- | PREPOSITIONAL PHR | 1 SPR | FOR |
| | | | | | (SPO) | HELP |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 SDVR | TO |
| | | | | | (SDV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | SPENDING |
| | | | | | (O) | (TOO MUCH) TIME |
| | | | | | (OPR) | FOR (MYSELF) |
| | | | | | ••• | THIS IS THE COURSE |
| | | | | | ••• | HE IS |
| PB,RT1-0 | YY | 00000 | | PART WITH NO OBJ | $ | STUDYING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y $ | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ENJOYING |
| PB,RT1-1 | YY | 00000 | | PART WITH NO OBJ | $ | STUDYING |
| | | | N2-X | OBJECT | 0 0 | (THE) BOOK |
| | | | DQ- | PREPOSITION | 1 OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ENJOYING |
| PB,RT1-2 | YY | 00000 | | PART WITH NO OBJ | $ | STUDYING |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 OVR | TO |
| | | | | | (OV) | TEACH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | ENJOYING |
| PB,RT1-3 | YY | 00000 | | PART WITH NO OBJ | $ | STUDYING |
| | | | N2-X | OBJECT | 0 0 | STATISTICS |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 OOVR | TO |
| | | | | | (ODV) | UNDERSTAND |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | PB-X | PART WITH NO OBJ | Y $ | FAILING (STILL) |
| PB,RT2-0 | YY | 00000 | | PART WITH NO OBJ | $ | TEACHING |
| | | | N2-X | OBJECT | 0 0 | ME |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | STUDYING (STILL) |
| PB,RT2-1 | YY | 00000 | | PART WITH NO OBJ | $ | TEACHING |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | N2-X | OBJECT | 0 0 | PHYSICS |
| | | | DQ- | PREPOSITION | 1 OPR | IN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | GIVING (UP) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE COURSE |
| | | | | | ••• | HE IS |
| PB,RT2-2 | YY | 00000 | | PART WITH NO OBJ | $ | GIVING |
| | | | NQ-X | NOUN OBJECT | 0 0 | THEM |
| | | | N2-X | OBJECT | 0 0 | MONEY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 ODVR | TO |
| | | | | | (ODV) | ATTEND |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | TEACHING |
| | | | | | ••• | THIS IS THE MAN |
| | | | | | ••• | HE IS |
| PB,RT3-0 | YY | 00000 | | PART WITH NO OBJ | $ | FINDING |
| | | | AI-X | ADJECTIVE | 0 C | INTERESTING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND (NOT) |
| | | | PB-X | PART WITH NO OBJ | Y $ | DISMISSING |
| PB,RT3-1 | YY | 00000 | | PART WITH NO OBJ | $ | APPOINTING |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PRESIDENT |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | PITYING |
| PB,RT3-2 | YY | 00000 | | PART WITH NO OBJ | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | AI-X | ADJECTIVE | 0 C | ANGRY |
| | | | DQ- | PREPOSITION | 1 CPR | WITH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | EXCUSING |
| PB,RT3-3 | YY | 00000 | | PART WITH NO OBJ | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | N3-X | NOUN COMPLEMENT | 0 C | ADVISER |
| | | | DQ- | PREPOSITION | 1 CPR | TO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | HELPING (HIMSELF) |
| PB,RT3-4 | YY | 00000 | | PART WITH NO OBJ | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | AI-X | ADJECTIVE | 0 C | UNGRATEFUL |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | WORK |
| | | | | | (CDVPR) | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | CONDEMNING |
| PB,RT3-5 | YY | 00000 | | PART WITH NO OBJ | $ | MAKING |
| | | | NQ-X | NOUN OBJECT | 0 0 | ME |
| | | | N3-X | NOUN COMPLEMENT | 0 C | ADVISER |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | HELP |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | HELPING (TOO) |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| | | | | | ••• | HE IS |
| PB,RT4-0 | YY | 00000 | | PART WITH NO OBJ | $ | MAKING |
| | | | BV-Z | INFINITE VERB | 0 CV | WORK |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | HELPING |
| PB,RT4-1 | YY | 00000 | | PART WITH NO OBJ | $ | LETTING |
| | | | NQ-X | NOUN OBJECT | 0 0 | HE |
| | | | BW-Z | INF VERB WITH NO OBJ | 0 CV | HELP |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | HELPING (HIMSELF) |
| PB,RT5-0 | YY | 00000 | | PART WITH NO OBJ | $ | HEARING |
| | | | PA-Z | PARTICIPLE | 0 CM | CRITIZED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | CONDEMNING (TOO) |
| PB,RT5-1 | YY | 00000 | | PART WITH NO OBJ | $ | HEARING |
| | | | NQ-X | NOUN OBJECT | 0 0 | HE |
| | | | PB-Z | PART WITH NO OBJ | 0 CM | CRITIZING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | CONDEMNING (TOO) |
| PB,RT6-0 | YY | 00000 | | PART WITH NO OBJ | $ | SAYING |
| | | | ND-D | NOUN CL WITH NO OBJ | 0 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | DOES (NOT) LIKE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND (STILL) |
| | | | PB-X | PART WITH NO OBJ | Y $ | HELPING |
| PB,RT6-1 | YY | 00000 | | PART WITH NO OBJ | $ | SAYING |
| | | | SF-D | DECLAR CL WITH NO OBJ | 0 5S | HE |
| | | | | | (5V) | LIKES |
| | | | ZM-M | COMMA,AND,OR (DRCP) | Y + | AND |
| | | | PB-X | PART WITH NO OBJ | Y $ | CRITIZING (NOW) |
| PB,RT7-0 | YY | 00000 | | PART WITH NO OBJ | $ | TELLING |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | (A) NECESSITY |
| PB,RT7-1 | YY | 00000 | | PART WITH NO OBJ | $ | TELLING |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | (A) NECESSITY |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| PB,RT7-2 | YY | 00000 | | | ••• | HE IS |
| | | | NQ-X | PART WITH NO OBJ | $ | TELLING |
| | | | ND-D | NOUN OBJECT | O O | ME |
| | | | | NOUN CL WITH NO OBJ | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | DISLIKES |
| PB,RT7-3 | YY | 00000 | | PART WITH NO OBJ | $ | TELLING |
| | | | NQ-X | NOUN OBJECT | O O | ME |
| | | | SF-D | DECLAR CL WITH NO OBJ | O 5S | HE |
| | | | | | (5V) | DISLIKES |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | - |
| | | | | | ••• | HE WALKED |
| PD,AAA-0 | AP | 00000 | | PERIOD | -EA | LAST |
| | | | DN- | ADVERBIAL NOUN PHR | O -E | NIGHT |
| | | | PD- | PERIOD | Y •. | . |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | - |
| PD,AAB-0 | AP | 00C00 | | PERIOD | -EA | MORE |
| | | | DN- | ADVERBIAL NOUN PHR | O -E | MILES |
| | | | 88-A | THAN-CLAUSE | 1 -EA8R | THAN |
| | | | | | (-EA8S) | HE (EVER) |
| | | | | | (-EA8V) | HAS RUN |
| | | | PD- | PERIOD | Y •. | . |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | - |
| PD,AV1-0 | AD | 00000 | | PERIOD | -D | QUICKLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | BUT |
| | | | CA- | ADVERB | O -D | HEAVILY |
| | | | PD- | PERIOD | Y •. | . |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | - |
| PD,AV2-0 | AD | 00000 | | PERIOD | -D | IN |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | CA- | ADVERB | O -D | OUT (OF THE WATER) |
| | | | PD- | PERIOD | Y •. | . |
| - - - | - | - - - | - - - | - - - - - - - - - - - | - - - - | - |
| PD,AV3-0 | AB | 00000 | | PERIOD | -DD | AS |
| | | | DA- | ADVERB | O -D | SLOWLY |
| | | | 33-C | AS-CLAUSE | O -D8R | AS |
| | | | | | (-D8S) | HE |
| | | | | | (-D8VX) | COULD |
| | | | PD- | PERIOD | Y •. | . |
| PD,AV3-1 | AB | 00000 | | PERIOD | -DD | AS |
| | | | DA- | ADVERB | O -D | SLOWLY |
| | | | C3-C | AS (OF COMPARISON) | O -D8R | AS |
| | | | 1Z-A | SUBJECT | 2 -D8S | HE |
| | | | VZ-G | PREDICATE | 2 -D8V | SPOKE |
| | | | PD- | PERIOD | Y •. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PD,AV5-0 | AD | 00000 | | PERIOD | •••  -DD | HE WALKED VERY |
| | | | DA- | ADVERB | 0 -D | SLOWLY |
| | | | PD- | PERIOD | Y •. | • |
| PD,AV6-0 | AB | 00000 | | PERIOD | -D | FASTER |
| | | | PD- | PERIOD | Y •. | • |
| PD,AV6-1 | AB | 00000 | | PERIOD | -D | FASTER |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8S) | IT. |
| | | | | | (-D8V) | WAS |
| | | | | | (-D8C) | NECESSARY |
| | | | PD- | PERIOD | Y •. | • |
| PD,AV6-2 | AB | 00000 | | PERIOD | -D | FASTER |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 -D8S | SHE |
| | | | VZ-G | PREDICATE | 2 -D8V | WALKED |
| | | | PD- | PERIOD | Y •. | • |
| PD,AV8-0 | AD | 00000 | | PERIOD | -D | TOO |
| | | | PD- | PERIOD | Y •. | • |
| PD,CCO-0 | CO | 00000 | | PERIOD | -8R | SINCE |
| | | | 1Z-A | SUBJECT | 1 -8S | HE |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | COULD |
| | | | PD- | PERIOD | Y •. | • |
| PD,CCO-1 | CO | 00000 | | PERIOD | ••• -8R | HE WORKS WHERE |
| | | | ZC-T | (A,B,) AND (C) (CROP) | 1 -8+ | AND |
| | | | C2- | ADVERB CLAUSE CONJ | 1 -8R | WHEN |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | HE |
| | | | | | (-8V) | IS |
| | | | | | (-8C) | ABLE |
| | | | PD- | PERIOD | Y •. | • |
| PD,CIF-0 | CO | 00000 | | PERIOD | ••• ••• -8R | SHE WOULD DO IT WITH SPEED IF |
| | | | DA- | ADVERB | 1 -8PR | (NOT) WITH |
| | | | | | (-8PO) | ACCURACY |
| | | | PD- | PERIOD | Y •. | • |
| PD,CIF-1 | CO | 00000 | | PERIOD | -8R | IF |
| | | | PA-A | PARTICIPLE | 1 -8V | PERSUADED |
| | | | PD- | PERIOD | Y •. | • |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | SHE WOULD DO IT |
| | | | | | *** | WITH SPEED |
| PD,CIF-2 | CO | 00000 | | PERIOD | -8R | IF |
| | | | N3-A | NOUN COMPLEMENT | 1 -8C | (AN) ATHLETE |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| PD,CIF-3 | CO | 00000 | | PERIOD | -8R | IF |
| | | | 1C-A | SUBJECT | 1 -8S | HE |
| | | | UC-G | AUXILIARY VERB | 1 -8VX | COULD |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| | | | | | *** | HE WOULD WALK |
| PD,CIF-4 | CO | 00000 | | PERIOD | -8R | IF |
| | | | ZC-T | (A,B,) AND (C) (DROP) | 1 -8+ | AND (ONLY) |
| | | | C2- | ADVERB CLAUSE CONJ | 1 -8R | IF |
| | | | SH-G | SUBJUNCTIVE CLAUSE | 0 -8S | HE |
| | | | | | (-8V) | WERE ACCOMPANIED |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| PD,CIF-5 | CO | 00000 | | PERIOD | -8R | IF |
| | | | ZC-T | (A,B,) AND (C) (DROP) | 1 -8+ | AND (ONLY) |
| | | | C2- | ADVERB CLAUSE CONJ | 1 -8R | IF |
| | | | AI-A | ADJECTIVE | 1 -8C | NECESSARY |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | *** | THE ANALYSIS FAILS |
| PD,CMA-0 | EC | 00000 | | PERIOD | -, | . |
| | | | DA- | ADVERB | 0 -D | BECAUSE(OF ERRORS) |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| PC,CMA-1 | EC | C0000 | | PERIOD | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | RESULTING |
| | | | | | | (FROM AN ERROR) |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| PD,CMA-2 | EC | 00000 | | PERIOD | -P, | , |
| | | | 1C-B | SUBJECT | 1 -PS | (THE) SENTENCE |
| | | | PA-C | PARTICIPLE | 0 -PM | BEING |
| | | | | | (-PC) | ILL-FORMED |
| | | | PD- | PERIOD | Y *. | . |
| | | | | | | |
| PD,CMA-3 | EC | 00000 | | PERIOD | , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) MACHINE |
| | | | | | (1V) | STOPS |
| | | | | | | . |
| | | | | | | |
| PD,CMA-4 | EC | 00000 | | PERIOD | , | , |
| | | | XC-S | (A,B,) AND (C) | 0 + | AND |
| | | | SE- | SENTENCE | 0 1S | (THE) MACHINE |
| | | | | | (1V) | FAILS |
| | | | | | (1.) | . |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PO,CO2-0 | CO | 00000 | | PERIOD | *** | HE WORKS |
| | | | | | -8R | WHEN |
| | | | CA- | ADVERB | 1 -8PR | AT |
| | | | | | (-8PO) | HOME |
| | | | PO- | PERIOD | Y *. | . |
| PO,CO2-1 | CO | 00000 | | PERIOD | -8R | WHEN |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | PO- | PERIOD | Y *. | . |
| PC,CO2-2 | CO | 00000 | | PERIOD | -8R | WHEN |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE (AT HOME) |
| | | | PO- | PERIOD | Y *. | . |
| PC,CO2-3 | CO | 00000 | | PERIOD | -8R | WHEN |
| | | | N3-A | NOUN COMPLEMENT | 1 -8C | (A) STUDENT |
| | | | | | | (IN COLLEGE) |
| | | | PO- | PERIOD | Y *. | . |
| PC,CO2-4 | CO | 00000 | | PERIOD | -8R | WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | HE |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | PO- | PERIOD | Y *. | . |
| PO,CO2-5 | CO | 00000 | | PERIOD | -8R | WHEN |
| | | | ZC-T | (A,B,) AND (C) (DROP) | 1 -8+ | AND |
| | | | C2- | ADVERB CLAUSE CONJ | 1 -8R | WHERE |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | HE |
| | | | | | (-8V) | IS |
| | | | | | (-8C) | ABLE |
| | | | PO- | PERICO | Y *. | . |
| PC,CO2-6 | CO | 00CO0 | | PERIOD | -8R | WHEN |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | HE |
| | | | | | (-8V) | HAS |
| | | | | | (-80) | VACATIONS |
| | | | CM-E | COMMA,AND,OR | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -8R | WHEN |
| | | | | | (-8S) | HE |
| | | | | | (-8V) | CAN PLAY |
| | | | PO- | PERICO | Y *. | . |
| PC,CO3-0 | CC | 00CO0 | | PERIOD | *** | HE IS LATE |
| | | | | | -8R | AS |
| | | | VC-G | PREDICATE | 1 -8V | IS |
| | | | | | (-8C) | USUAL (WITH HIM) |
| | | | PO- | PERICO | Y *. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE WORKS |
| PD,CO4-0 | CO | 00000 | | PERIOD | -8R | HOWEVER |
| | | | DA- | ADVERB | 1 -8D | STRONGLY |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | VZ-G | PREDICATE | 1 -8V | ARE (AGAINST IT) |
| | | | PD- | PERIOD | Y •. | • |
| | | | | | | |
| PD,CO4-1 | CO | 00000 | | PERIOD | -6R | HOWEVER |
| | | | AI-A | ADJECTIVE | 1 -8C | DIFFICULT |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | PD- | PERIOD | Y •. | • |
| | | | | | | |
| PD,CO4-2 | CO | 00000 | | PERIOD | -8R | HOWEVER |
| | | | PA-A | PARTICIPLE | 1 -8V | TIRED |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | FZ-G | BE3 (AUXILIARY) | 1 -8VX | MAY BE |
| | | | PD- | PERIOD | Y •. | • |
| - - - | - | - - - | - - | - - - - - - - - - - - | - - - | - - |
| | | | | | ••• | HE DID HIS WORK |
| | | | | | ••• | WELL |
| PD,CO5-0 | CV | 00000 | | PERIOD | -8C | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | WAS |
| | | | PD- | PERIOD | Y •. | • |
| | | | | | | |
| PC,CO5-1 | SV | 00000 | | PERIOD | -8S | WHATEVER |
| | | | VC-G | PREDICATE | 1 -8V | WAS ASSIGNED |
| | | | | | | (TO HIM AS HIS |
| | | | | | | DUTY) |
| | | | PD- | PERIOD | Y •. | • |
| - - - | - | - - - | - - | - - - - - - - - - - - | - - - | - - |
| | | | | | | |
| PD,CO6-0 | CV | 00000 | | PERIOD | -80 | WHATEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | WE |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | ORDERED |
| | | | PD- | PERIOD | Y •. | • |
| - - - | - | - - - | - - | - - - - - - - - - - - | - - - | - - |
| | | | | | ••• | HE ENJOYED PEOPLE |
| PD,CO7-0 | CV | 00000 | | PERIOD | -8CA | WHATEVER |
| | | | N6-A | MODIFIED COMPLEMENT | 1 -8C | RACE |
| | | | 1Z-A | SUBJECT | 1 -8S | THEY |
| | | | CZ-G | COPULA | 1 -8V | WERE |
| | | | PD- | PERIOD | Y •. | • |
| | | | | | ••• | HE WAS HAPPY |
| PC,CO7-1 | OV | 00000 | | PERIOD | -80A | WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 1 -80 | DIFFICULTIES |
| | | | 1Z-A | SUBJECT | 1 -8S | HE |
| | | | WZ-G | PREDICATE WITH NO OBJ | 1 -8V | HAD |
| | | | PD- | PERIOD | Y •. | • |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE ENJOYED WORKING |
| | | | | | ••• | HARD |
| PD,CO7-2 | SV | 00000 | | PERIOD | -8SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 -8S | DUTY |
| | | | VZ-G | PREDICATE | 1 -8V | WAS GIVEN |
| | | | | | (-80) | HIM |
| | | | PD- | PERIOD | Y •. | • |
| PD,CPR-0 | AD | 00000 | | PERIOD | ••• -D | HE ENJOYS PEOPLE REGARDLESS |
| | | | DP- | PREPOSITIONAL PHR | 1 -DPR | OF |
| | | | | | (-DPO) | RELIGION |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | IRRESPECTIVE OF .. |
| | | | PD- | PERIOD | Y •. | • |
| PD,NAD-0 | AP | 00000 | | PERIOD | ••• -E | HE WORKED DAYS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | NIGHTS |
| | | | PD- | PERIOD | Y •. | • |
| PD,NUM-0 | AP | 00000 | | PERIOD | -EA | TWO |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | NIGHTS |
| | | | PD- | PERIOD | Y •. | • |
| PD,PRD-0 | ES | 00000 | | PERIOD | •. | • |
| PD,PRE-0 | PH | 00000 | | PERIOD | /PR | WITH |
| | | | NQ-G | NOUN OBJECT | 1 /PO | SINCERITY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | WITH |
| | | | | | (/PO) | ENTHUSIASM |
| | | | PD- | PERIOD | Y •. | • |
| PD,PRE-1 | PH | 00000 | | PERIOD | /PR | BY |
| | | | GR-B | GERUND | 1 /POG | ETCHING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | BY |
| | | | | | (/POG) | CARVING |
| | | | PD- | PERIOD | Y •. | • |
| PD,PRE-2 | PH | 00000 | | PERIOD | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | SCHOOL |
| | | | PD- | PERIOD | Y •. | • |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PC,TOI-0 | DI | 00000 | | PERIOD | ••• | HE WORKED |
| | | | | | -DVR | TO |
| | | | BV-M | INFINITE VERB | O -DV | SURVIVE |
| | | | ZC-I | (A,B,) AND (C) (DROP) | O -+ | AND |
| | | | IF-M | TO-INFINITIVE | O -DVR | TO |
| | | | | | (-DV) | LEARN |
| | | | PD- | PERIOD | Y •. | • |
| PD,XCO-0 | CO | 00000 | | PERIOD | + | AND |
| | | | SE- | SENTENCE | O IS | HE |
| | | | | | (1V) | EARNED |
| | | | | | (10) | (MUCH) MONEY |
| | | | | | (1.) | • |
| PF,AV1-0 | AD | 00000 | | PERFECT PARTICIPLE | ••• -D | I HAVE PRIVATELY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | DA- | ADVERB | O -D | PERSONALLY |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | SEEN |
| | | | | | (0) | HER |
| PF,AV3-0 | AB | 00000 | | PERFECT PARTICIPLE | -DD | AS |
| | | | DA- | ADVERB | O -D | OFTEN |
| | | | 33-C | AS-CLAUSE | O -D8R | AS |
| | | | | | (-D8D) | POSSIBLE |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | SEEN |
| | | | | | (0) | IT |
| PF,AV3-1 | AB | 00000 | | PERFECT PARTICIPLE | -DD | AS |
| | | | CA- | ADVERB | O -D | CAREFULLY |
| | | | C3-C | AS (OF COMPARISON) | O -D8R | AS |
| | | | 1Z-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | TRIED |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | FAILED |
| PF,AV5-0 | AD | 00000 | | PERFECT PARTICIPLE | -DD | VERY |
| | | | CA- | ADVERB | O -D | EASILY |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | INFLUENCED |
| | | | | | (0) | YOU |
| PF,AV6-0 | AB | 00000 | | PERFECT PARTICIPLE | -D | MORE (OFTEN) |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | DONE |
| | | | | | (0) | THAT |
| PF,AV6-1 | AB | 00000 | | PERFECT PARTICIPLE | -D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | O -D8R | THAN |
| | | | | | (-D8S) | YOU |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | WON |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PF,AV6-2 | AB | 00000 | | PERFECT PARTICIPLE | ••• -0 | I HAVE MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 12-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | (HAVE) LOST |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | WON |
| PF,AV8-0 | AD | 00000 | | PERFECT PARTICIPLE | -0 | TOO (OFTEN) |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | LOST |
| PF,BP1-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | BEEN |
| | | | D8- | ADVERB AFTER BE1 | 1 $D | THERE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | SURVIVED |
| PF,BP2-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | BEEN |
| | | | AI-X | ADJECTIVE | 0 C | SYSTEMATIC |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | SUCCEEDED |
| PF,BP2-1 | YY | 00000 | | PERFECT PARTICIPLE | $ | BEEN |
| | | | N3-X | NOUN COMPLEMENT | 0 C | PRESIDENT |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | RESIGNED |
| PF,BP2-2 | YY | C0000 | | PERFECT PARTICIPLE | ••• $ | THE REASON HAS BEEN |
| | | | NC-E | NOUN CLAUSE | 0 6R | THAT |
| | | | | | (6SG) | SMOKING |
| | | | | | (6V) | KILLS |
| PF,BP2-3 | YY | C0000 | | PERFECT PARTICIPLE | $ | BEEN |
| | | | SG-E | DECLARATIVE CLAUSE | 0 6SG | SMOKING |
| | | | | | (6V) | KILLS |
| PF,BP3-0 | YY | 00C00 | | PERFECT PARTICIPLE | ••• $X | I HAVE BEEN |
| | | | PA-X | PARTICIPLE | Y $ | CONGRATULATED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | RECEIVED |
| | | | | | (0) | NOTHING |
| PF,CMA-0 | IN | 00000 | | PERFECT PARTICIPLE | -, | , |
| | | | CA- | ADVERB | 0 -PR | IN (MY SCHOLASTIC) |
| | | | | | (-PO) | TRAINING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | RETAINED |
| | | | | | (0) | LITTLE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PF,CMA-1 | IN | 00000 | | PERF PART WITH NO OBJ | ●●● −, | I HAVE , |
| | | | AP− | POST-POSITIONAL ADJ | O −PM | (FRANKLY) SPEAKING |
| | | | CN−R | COMMA | O −, | , |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | NEGLECTED |
| | | | | | (O) | (THE) WORK |
| PF,HP1-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | HAD |
| | | | N2−X | OBJECT | O O | (A) JOB |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | FAILED |
| PF,HP3-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | HAD |
| | | | NQ−X | NOUN OBJECT | O O | MEAT |
| | | | AI−X | ADJECTIVE | O C | RAW |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | ENJOYED |
| | | | | | (O) | IT |
| PF,HP3-1 | YY | 00000 | | PERFECT PARTICIPLE | $ | HAD |
| | | | AI−X | ADJECTIVE | O C | READY (FOR HOURS) |
| | | | AR−C | ARTICLE | O OA | THESE |
| | | | N5−X | MODIFIED OBJECT | O O | PRINTS |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | COMPLETED |
| | | | | | (O) | OTHERS |
| PF,HP4-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | HAD |
| | | | NQ−X | NOUN OBJECT | O O | HIM |
| | | | BV−Z | INFINITE VERB | O CV | LEAVE |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | REGRETTED |
| | | | | | (O) | IT |
| PF,HP5-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | HAD |
| | | | NQ−X | NOUN OBJECT | O O | (MY) HOUSE |
| | | | PA−Z | PARTICIPLE | O CM | BUILT |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | OWED |
| | | | | | (O) | MONEY (EVER SINCE) |
| PF,HPP-0 | YY | 00000 | | PERFECT PARTICIPLE | $X | HAD |
| | | | IF−X | TO-INFINITIVE | O $R | TO |
| | | | | | ($) | REST (OFTEN) |
| PF,PI1-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | LIVED (HERE) |
| | | | ZM−M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF−X | PERFECT PARTICIPLE | Y $ | LIVED (THERE) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PF,PI1-1 | YY | 00000 |  | PERFECT PARTICIPLE | *** $ | I HAVE WORKED |
|  |  |  | PA-C | PARTICIPLE | 1 $PH ($PO) | PITCHING HAY |
| PF,PI2-0 | YY | 00000 |  | PERFECT PARTICIPLE | $ | BECOME |
|  |  |  | AI-X | ADJECTIVE | 0 C | SYSTEMATIC |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ | SUCCEEDED |
| PF,PI2-1 | YY | 00000 |  | PERFECT PARTICIPLE | $ | BECOME |
|  |  |  | N3-X | NOUN COMPLEMENT | 0 C | (A) GRAMMARIAN |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ (O) | STUDIES ENGLISH |
| PF,PI3-0 | YY | 00000 |  | PERFECT PARTICIPLE | $ | APPLIED |
|  |  |  | DP- | PREPOSITIONAL PHR | 1 $PR ($PO) | FOR (THE) POSITION |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ (O) | OBTAINED IT |
| PF,PRE-0 | PH | 00000 |  | PERFECT PARTICIPLE | /PR | BEFORE |
|  |  |  | NO-G | NOUN OBJECT | 1 /PO | COLLEGE |
|  |  |  | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
|  |  |  | DA- | ADVERB | 0 /PR (/PO) | IN COLLEGE |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ (O) | ENJOYED LIFE |
| PF,PRE-1 | PH | 00000 |  | PERFECT PARTICIPLE | /PR | BEFORE |
|  |  |  | GR-B | GERUND | 1 /POG | STUDYING |
|  |  |  | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
|  |  |  | DA- | ADVERB | 0 /PR (/PO) | DURING STUDYING |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ | SLEPT |
| PF,PRE-2 | PH | 00000 |  | PERFECT PARTICIPLE | /PR | INSIDE |
|  |  |  | CM-F | COMMA,AND,OR | 1 /P+ | AND |
|  |  |  | DP- | PREPOSITIONAL PHR | 0 /PR (/PO) | OUTSIDE (THE) HOUSE |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ | PAINTED |
| PF,PT1-0 | YY | 00000 |  | PERFECT PARTICIPLE | $ | READ |
|  |  |  | N2-X | OBJECT | 0 0 | PAPERS |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | PF-X | PERFECT PARTICIPLE | Y $ | BEEN DISCOURAGED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | •••| I HAVE |
| PF,PT1-1 | YY | 00000 | | PERFECT PARTICIPLE | | $ | WRITTEN |
| | | | CM-M | COMMA,AND,OR | Y | + | AND |
| | | | Q1-X | PERF PARTICIPLE VT1 | Y | $ | ILLUSTRATED |
| | | | | | (O) | | BOOKS |
| PF,PT2-0 | YY | 00000 | | PERFECT PARTICIPLE | | $ | GIVEN |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | N2-X | OBJECT | 0 | 0 | (THE) BOOK |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | '+ | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | STARTED |
| | | | | | (O) | | ANOTHER |
| PF,PT3-0 | YY | 00000 | | PERFECT PARTICIPLE | | $ | MADE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HER |
| | | | AI-X | ADJECTIVE | 0 | C | HAPPY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | SHARED |
| | | | | | (O) | | (HER) JOY |
| PF,PT3-1 | YY | 00000 | | PERFECT PARTICIPLE | | $ | APPOINTED |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | CHAIRMAN |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y | + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | CONGRADULATED |
| | | | | | (O) | | HIM |
| PF,PT3-2 | YY | 00000 | | PERFECT PARTICIPLE | | $ | MADE |
| | | | AI-X | ADJECTIVE | 0 | C | HAPPY |
| | | | AR-C | ARTICLE | 0 | OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | 0 | 0 | CHILDREN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | SHARED |
| | | | | | (O) | | (THEIR) JOY |
| PF,PT4-0 | YY | 00000 | | PERFECT PARTICIPLE | | $ | MADE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | CHILDREN |
| | | | BV-Z | INFINITE VERB | 0 | CV | BEHAVE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | BUT |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | PUNISHED |
| | | | | | (O) | | THEM (TOO) |
| PF,PT5-0 | YY | 00000 | | PERFECT PARTICIPLE | | $ | HEARD |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | SQUIRRELS |
| | | | PA-Z | PARTICIPLE | 0 | CM | CHATTERING |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y | + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y | $ | MIMICKED |
| | | | | | (O) | | THEM |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I HAVE |
| PF,PT6-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | SAID |
| | | | NC-D | NOUN CLAUSE | O SR | THAT |
| | | | | | (SS) | IT |
| | | | | | (SV) | COULD HAPPEN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | VERIFIED |
| | | | | | (O) | IT |
| PF,PT6-1 | YY | 00000 | | PERFECT PARTICIPLE | $ | SAID |
| | | | SG-D | DECLARATIVE CLAUSE | O SS | SHE |
| | | | | | (SV) | MIGHT DO |
| | | | | | (SO) | THIS |
| | | | ZM-W | COMMA,AND,OR (DROP) | O + | AND |
| | | | NC-D | NOUN CLAUSE | O SR | THAT |
| | | | | | (SS) | SOMETHING |
| | | | | | (SV) | MUST BE DONE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | WAITED (TOO LONG) |
| PF,PT7-0 | YY | 00000 | | PERFECT PARTICIPLE | $ | TOLD |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | NC-D | NOUN CLAUSE | O SR | THAT |
| | | | | | (SS) | IT |
| | | | | | (SV) | COULD HAPPEN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | VERIFIED |
| | | | | | (O) | IT |
| PF,PT7-1 | YY | 00000 | | PERFECT PARTICIPLE | $ | TOLD |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | O SS | IT |
| | | | | | (SV) | COULD (NOT) HAPPEN |
| | | | ZM-W | COMMA,AND,OR (DROP) | O + | AND |
| | | | NC-D | NOUN CLAUSE | O SR | THAT |
| | | | | | (SS) | HE |
| | | | | | (SV) | MUST GIVE UP |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PF-X | PERFECT PARTICIPLE | Y $ | CONVINCED |
| | | | | | (O) | HIM |
| | | | | | ••• | THIS IS THE WORK |
| | | | | | ••• | THAT I HAVE |
| PG,AV1-0 | AD | 00000 | | PERF PART WITH NO OBJ | -D | SLOWLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | BUT |
| | | | DA- | ADVERB | O -D | EFFECTIVELY |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | COMPLETED |
| PG,AV5-0 | AD | 00000 | | PERF PART WITH NO OBJ | -DD | VERY |
| | | | DA- | ADVERB | O -D | SWIFTLY |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | COMPLETED |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PG,AVB-0 | AD | 00000 | | | *** *** | THIS IS THE WORK THAT I HAVE |
| | | | | PERF PART WITH NO OBJ | -D | TOO (OFTEN) |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | OVERLOOKED |
| PG,BP1-0 | YY | 00000 | | PERF PART WITH NO OBJ | S | BEEN |
| | | | DQ- | PREPOSITION | 1 SPR | AGAINST |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | TRIED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | CURTAIL |
| PG,BP2-0 | YY | 00000 | | PERF PART WITH NO OBJ | S | BEEN |
| | | | N3-X | NOUN COMPLEMENT | 0 C | ADVISER |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | WATCHED |
| | | | | | (SPR) | OVER |
| PG,BP2-1 | YY | 00000 | | PERF PART WITH NO OBJ | S | BEEN |
| | | | AI-X | ADJECTIVE | 0 C | HAPPY |
| | | | DQ- | PREPOSITION | 1 CPR | WITH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | ENJOYED |
| PG,BP2-2 | YY | 00C00 | | PERF PART WITH NO OBJ | S | BEEN |
| | | | AI-X | ADJECTIVE | 0 C | HAPPY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CVD) | DO |
| PG,BP3-0 | YY | 00000 | | PERF PART WITH NO OBJ | SX | BEEN |
| | | | PB-X | PART WITH NO OBJ | Y S | GIVEN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | COMPLETED |
| PG,CMA-0 | IN | 00C00 | | PERF PART WITH NO OBJ | -, | |
| | | | OA- | ADVERB | 0 -O | SUCCESSFULLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | COMPLETED |
| PG,CMA-1 | IN | 00000 | | PERF PART WITH NC OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PG-X | PERF PART WITH NC OBJ | Y S | NEGLECTED |
| PG,HP1-0 | YY | 00000 | | PERF PART WITH NO CBJ | S | HAD |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y S | DONE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | THIS IS THE WORK |
| | | | | | | ••• | THAT I HAVE |
| PG,HP3-0 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | HAD |
| | | | AI-X | ADJECTIVE | 0 | C | READY |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | (FINALLY)COMPLETED |
| | | | | | | | |
| PG,HP3-1 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | HAD |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | (THE) DEVICES |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | DQ- | PREPOSITION | 1 | CPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | HIRED |
| | | | | | | (O) | (THESE) MEN |
| | | | | | | (OPR) | FOR |
| | | | | | | | |
| PG,HP3-2 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | HAD |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | AR-C | ARTICLE | 0 | OA | THESE |
| | | | NS-X | MODIFIED OBJECT | 0 | 0 | DEVICES |
| | | | DQ- | PREPOSITION | 1 | OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | HIRED |
| | | | | | | (O) | (THESE) MEN |
| | | | | | | (OPR) | FOR |
| | | | | | | | |
| PG,HP3-3 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | HAD |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | CDVR | TO |
| | | | | | | (CDV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | HIRED |
| | | | | | | (/) | HIM |
| | | | | | | (ODVR) | TO |
| | | | | | | (ODV) | DO |
| | | | | | | | |
| PG,HP3-4 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | HAD |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | AR-C | ARTICLE | 0 | OA | THESE |
| | | | NS-X | MODIFIED OBJECT | 0 | 0 | MEN |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | ODVR | TO |
| | | | | | | (ODV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | HIRED |
| | | | | | | (O) | THEM |
| | | | | | | (ODVR) | TO |
| | | | | | | (ODV) | DO |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| | | | | | ••• | I HAVE |
| PG,HP4-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HAD |
| | | | BV-Z | INFINITE VERB | 0 CV | LEAVE |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | RUINED |
| | | | | | | |
| PG,HP4-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HAD |
| | | | NO-X | NOUN OBJECT | 0 O | HIM |
| | | | BV-Z | INF VERB WITH NO OBJ | 0 CV | DISCHARGE |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | DISLIKED |
| PG,HP5-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HAD |
| | | | PA-Z | PARTICIPLE | 0 CM | DISCHARGED |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | SENT (ELSEWHERE) |
| PG,HP5-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HAD |
| | | | NO-X | NOUN OBJECT | 0 O | (THE) JOB |
| | | | PB-Z | PART WITH NO OBJ | 0 CM (CMPR) | GIVEN TO |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | HELPED |
| PG,HPP-0 | YY | 00000 | | PERF PART WITH NO OBJ | $X | HAD |
| | | | IG-X | TO-INFIN WITH NO OBJ | Y SR ($) | TO DISCHARGE |
| PG,PI1-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | LIVED |
| | | | DQ- | PREPOSITION | 1 $PR | FOR |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ (SPR) | WORKED FOR |
| PG,PI1-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | COME |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 $DVR ($DV) | TO FIND |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | LOCATED |
| | | | | | ••• | THIS IS THE WORK |
| | | | | | ••• | I HAVE |
| PG,PI2-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | BECOME |
| | | | AI-X | ADJECTIVE | 0 C | FOND |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZN-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ (OVR) (OV) | HATED TO LEAVE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | ••• | | THIS IS THE WORK |
| | | | | | ••• | | I HAVE |
| PG,PI2-1 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | BECOME |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | ADVISER |
| | | | CQ- | PREPOSITION | 1 | CPR | TO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | GUIDED |
| PG,PI2-2 | YY | 00C00 | | PERF PART WITH NO OBJ | | $ | BECOME |
| | | | AI-X | ADJECTIVE | 0 | C | ANXIOUS |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | CDVR | TO |
| | | | | | | (CDV) | HIRE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | WROTE |
| | | | | | | (O) | (A) LETTER |
| | | | | | | (OPR) | TO |
| PG,PI2-3 | YY | 00000 | | PERF PART WITH NC OBJ | | $ | BECOME |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | ADVISER |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | CDVR | TO |
| | | | | | | (CDV) | FINISH |
| | | | CM-M | COMMA,ANC,OR | Y | + | AND |
| | | | PG-X | PERF PART WITH NC OBJ | Y | $ | PUBLISHED |
| PG,PI3-0 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | APPLIED |
| | | | CQ- | PREPOSITION | 1 | SPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | BEEN HIRED |
| | | | | | | (SDVR) | TO |
| | | | | | | (SDV) | DO |
| PG,PI3-1 | YY | 00000 | | PERF PART WITH NC OBJ | | $ | DEPENDED |
| | | | DP- | PREPOSITIONAL PHR | 1 | SPR | UPON |
| | | | | | | (SPO) | YOU |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | SDVR | TO |
| | | | | | | (SDV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | GIVEN (UP) |
| PG,PRE-0 | PH | 00000 | | PERF PART WITH NC OBJ | | /PR | IN |
| | | | NQ-G | NOUN OBJECT | 1 | /PO | (THE) HOUSE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | AROUND |
| | | | | | | (/PO) | (THE) BARN |
| | | | PG-X | PERF PART WITH NC OBJ | Y | $ | COMPLETED |
| PG,PRE-1 | PH | 00000 | | PERF PART WITH NO OBJ | | /PR | ON |
| | | | GR-B | GERUND | 1 | /POG | ARRIVING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | ON |
| | | | | | | (/POG) | LEAVING |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | INSPECTED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE WORK |
| | | | | | ••• | I HAVE |
| PG,PRE-2 | PH | 00000 | | PERF PART WITH NO OBJ | /PR | INSIDE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | OUTSIDE |
| | | | | | (/PO) | (THE) HOUSE |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | COMPLETED |
| - - - - | - | - - - - | - - - | - - - - - - - - - - - - - - | - - - - | |
| PG,PT1-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | FINISHED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | PUBLISHED |
| PG,PT1-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | STUDIED |
| | | | NQ-X | NOUN OBJECT | 0 0 | BOOKS |
| | | | OQ- | PREPOSITION | 1 OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | READ |
| | | | | | (O) | ARTICLES |
| | | | | | (OPR) | FOR |
| PG,PT1-2 | YY | 00000 | | PERF PART WITH NO OBJ | $ | COME |
| | | | IG-F | TO-INFIN WITH NO OBJ | 1 $OVR | TO |
| | | | | | ($DV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | PUBLISHED |
| PG,PT1-3 | YY | 00000 | | PERF PART WITH NO OBJ | $ | STUDIED |
| | | | N2-X | OBJECT | 0 0 | BOOKS |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 OOVR | TO |
| | | | | | (OOV) | UNDERSTAND |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | (FINALLY)MASTERED |
| - - - - | - | - - - - | - - - | - - - - - - - - - - - - - - | - - - - | |
| PG,PT2-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | GIVEN |
| | | | N2-X | OBJECT | 0 0 | HIM |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | ENTRUSTED (TO HIS JUDGMENT) |
| PG,PT2-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | GIVEN |
| | | | NQ-X | NOUN OBJECT | 0 0 | HIM |
| | | | N2-X | OBJECT | 0 0 | PRAISE |
| | | | CQ- | PREPOSITION | 1 OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | HIRED |
| | | | | | (O) | HIM |
| | | | | | (OOVR) | TO |
| | | | | | (OOV) | DO |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | THIS IS THE WORK |
| | | | | | *** | I HAVE |
| PG,PT2-2 | YY | 00000 | | PERF PART WITH NO OBJ | $ | GIVEN |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | N2-X | OBJECT | O O | ENCOURAGEMENT |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 ODVR | TO |
| | | | | | (ODV) | FINISH |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | PUBLISHED |
| | | | | | *** | THIS IS THE MAN |
| | | | | | *** | I HAVE |
| PG,PT3-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | MADE |
| | | | AI-X | ADJECTIVE | O C | REBELLIOUS |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | RUINED |
| PG,PT3-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | APPOINTED |
| | | | N3-X | NOUN COMPLEMENT | O C | ADVISER |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | GIVEN |
| | | | | | (OA) | (MUCH) |
| | | | | | (O) | RESPONSIBILITY |
| | | | | | *** | THIS IS THE WORK |
| | | | | | *** | I HAVE |
| PG,PT3-2 | YY | 00000 | | PERF PART WITH NO OBJ | $ | MADE |
| | | | NQ-X | NOUN OBJECT | O O | MEN |
| | | | AI-X | ADJECTIVE | O C | AVAILABLE |
| | | | CQ- | PREPOSITION | 1 CPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | ENCOURAGED |
| | | | | | (O) | (THE) PUBLICATION |
| | | | | | (OPR) | OF |
| PG,PT3-3 | YY | 00000 | | PERF PART WITH NO OBJ | $ | MADE |
| | | | AI-X | ADJECTIVE | O C | AVAILABLE |
| | | | AR-C | ARTICLE | O OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | O O | MEN |
| | | | DQ- | PREPOSITION | 1 OPR | FOR |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | DONE |
| | | | | | (O) | RESEARCH |
| | | | | | (OPR) | ON |
| PG,PT3-4 | YY | 00000 | | PERF PART WITH NO OBJ | $ | APPOINTED |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | N3-X | NOUN COMPLEMENT | O C | ADVISER |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | ASKED |
| | | | | | (O) | HIM |
| | | | | | (OVR) | TO |
| | | | | | (OV) | COMPLETE |

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|---|---|---|---|---|---|---|---|
| | | | | | | •••| THIS IS THE WORK |
| | | | | | | •••| I HAVE |
| PG,PT3-5 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | MADE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | (THE) MEN |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | CDVR | TO |
| | | | | | | (CDV) | COMPLETE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | REQUESTED |
| | | | | | | (O) | THEM |
| | | | | | | (OVR) | TO |
| | | | | | | (OV) | FINISH (QUICKLY) |
| | | | | | | | |
| PG,PT3-6 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | MADE |
| | | | AI-X | ADJECTIVE | 0 | C | AVAILABLE |
| | | | AR-C | ARTICLE | 0 | OA | THOSE |
| | | | N5-X | MODIFIED OBJECT | 0 | 0 | MEN |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | ODVR | TO |
| | | | | | | (ODV) | COMPLETE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | REQUESTED |
| | | | | | | (O) | THEM |
| | | | | | | (OVR) | TO |
| | | | | | | (OV) | FINISH (QUICKLY) |
| | | | | | | | |
| PG,PT3-7 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | APPOINTED |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | N3-X | NOUN COMPLEMENT | 0 | C | ADVISER |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | CDVR | TO |
| | | | | | | (CDV) | ORGANIZE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | LEFT (FOR HIM) |
| | | | | | | (OVR) | TO |
| | | | | | | (OV) | FINISH |
| - - - - | - | - - - | - - - | - - - - - - - - - - - - | - - - | - | - - - - |
| | | | | | | •••| THIS IS THE MAN |
| | | | | | | •••| I HAVE |
| PG,PT4-0 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | MADE |
| | | | BV-Z | INFINITE VERB | 0 | CV | WORK |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | GIVEN |
| | | | | | | (O) | (A) RAISE |
| | | | | | | (OPR) | TO |
| | | | | | | | |
| PG,PT4-1 | YY | 00000 | | PERF PART WITH NO OBJ | | $ | MADE |
| | | | NQ-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | BW-Z | INF VERB WITH NO OBJ | 0 | CV | APPRECIATE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y | $ | GRANTED |
| | | | | | | (O) | (THE) POSITION |

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|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS THE MAN |
| | | | | | ••• | I HAVE |
| PG,PT5-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HEARD |
| | | | PA-Z | PARTICIPLE | O CM | LAUGHING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | REPORTED |
| | | | | | | |
| PG,PT5-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | HEARD |
| | | | NQ-X | NOUN OBJECT | O O | YOU |
| | | | PB-Z | PART WITH NO OBJ | O CM | DISCUSSING |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | REPORTED |
| PG,PT6-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | SAID |
| | | | ND-D | NOUN CL WITH NO OBJ | O 5R | THAT |
| | | | | | (5S) | I |
| | | | | | (5V) | LIKE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | PROMOTED |
| PG,PT6-1 | YY | 00000 | | PERF PART WITH NO OBJ | $ | SAID |
| | | | SF-D | DECLAR CL WITH NO OBJ | O 5S | I |
| | | | | | (5V) | LIKED |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | PROMOTED |
| PG,PT7-0 | YY | 00000 | | PERF PART WITH NO OBJ | $ | TOLD |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | IMPOSSIBLE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | FIRED |
| PG,PT7-1 | YY | 00C00 | | PERF PART WITH NO OBJ | $ | TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | IT |
| | | | | | (5V) | IS |
| | | | | | (5C) | IMPOSSIBLE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | ASKED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | LEAVE |
| PG,PT7-2 | YY | 00000 | | PERF PART WITH NO OBJ | $ | TOLD |
| | | | NQ-X | NOUN OBJECT | O O | HIM |
| | | | ND-D | NOUN CL WITH NO OBJ | O 5R | THAT |
| | | | | | (5S) | I |
| | | | | | (5V) | DISLIKE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ | ASKED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | LEAVE |

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|---|---|---|---|---|---|---|
| PG,PT7-3 | YY | 00000 | | | ••• ••• $ | THIS IS THE MAN I HAVE TOLD |
| | | | NQ-X | PERF PART WITH NO OBJ NOUN OBJECT | 0 0 | HIM |
| | | | SF-D | DECLAR CL WITH NO OBJ | 0 SS (SV) | I DISLIKE |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PG-X | PERF PART WITH NO OBJ | Y $ (OVR) (OV) | ASKED TO LEAVE |
| PH,AV1-0 | AD | 00000 | | PERF PARTICIPLE VI | ••• -D | THERE HAS FINALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
| | | | DA- | ADVERB | 0 -D | WEAKLY |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | ARRIVED A MAN |
| PH,AV3-0 | AD | 00000 | | PERF PARTICIPLE VI | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | QUIETLY |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | ARRIVED A MAN |
| PH,AV8-0 | AD | 00000 | | PERF PARTICIPLE VI | -D | TOO (SECRETLY) |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | ARRIVED A PACKAGE |
| PH,BP1-0 | YY | 00000 | | PERF PARTICIPLE VI | $ | BEEN |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | DISAPPEARED A BEAR |
| PH,BP3-0 | YY | 00000 | | PERF PARTICIPLE VI | $X | BEEN |
| | | | RR-X | PARTICIPLE VI | Y $ | FOUND |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | DISAPPEARED THE PURSE |
| PH,CMA-0 | IN | 00000 | | PERF PARTICIPLE VI | -, | , |
| | | | CA- | ADVERB | 0 -D | SUDDENLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | DISAPPEARED THE WIFE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| PH,CMA-1 | IN | 00000 | | PERF PARTICIPLE VI | •••     -, | THERE HAS , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PH | TELLING |
| | | | | | (-PO) | YOU |
| | | | | | (-PO) | (THE) TRUTH |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | ARRIVED |
| | | | | | | BAD NEWS |
| PH,PI1-0 | YY | 00000 | | PERF PARTICIPLE VI | $ | COME |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
| | | | PH-X | PERF PARTICIPLE VI | Y $ | GONE |
| | | | | | | A HURRICANE |
| PI,AV1-0 | AD | 00000 | | PERF PART COPULA | •••     -D | THIS IS WHAT I HAVE RECENTLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
| | | | DA- | ADVERB | 0 -D | SECRETLY |
| | | | PI-X | PERF PART COPULA | Y $ | BEEN |
| PI,AV5-0 | AD | 00000 | | PERF PART COPULA | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | SECRETLY |
| | | | PI-X | PERF PART COPULA | Y $ | BEEN |
| PI,AV8-0 | AD | 00000 | | PERF PART COPULA | -D | . TOO (OFTEN) |
| | | | PI-X | PERF PART COPULA | Y $ | BEEN |
| PI,BP2-0 | YY | 00000 | | PERF PART COPULA | $ | BEEN |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PI-X | PERF PART COPULA | Y $ | BECOME |
| PI,CMA-0 | IN | 00000 | | PERF PART COPULA | -, | , |
| | | | DA- | ADVERB | 0 -D | RECENTLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PI-X | PERF PART COPULA | Y $ | BEEN |
| PI,CMA-1 | IN | 00000 | | PERF PART COPULA | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PH | (FRANKLY)SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | PI-X | PERF PART COPULA | Y $ | BECOME |
| PI,PI2-0 | YY | 00000 | | PERF PART COPULA | $ | BECOME |
| | | | ZM-M | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | PI-X | PERF PART COPULA | Y $ | REMAINED |

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|---|---|---|---|---|---|---|---|
| P1,PT1-0 | YY | 00000 | | PERF PART COPULA | | ••• | THIS IS WHAT I HAVE WANTED |
| | | | II-F | TO-INFIN COPULA | 0 | OVR | TO |
| | | | | | | (OV) | BECOME |
| P1,PT2-0 | YY | 00000 | | PERF PARTICIPLE VI | | ••• | THIS IS WHAT I HAVE WISHED |
| | | | NO-X | NOUN OBJECT | 0 | 0 | HIM |
| | | | II-F | TO-INFIN COPULA | 0 | OVR | TO |
| | | | | | | (OV) | BECOME |
| PJ,AV1-0 | AD | 00000 | | PERF PART BE1 | | ••• | WHERE HAVE YOU RECENTLY |
| | | | CA- | ADVERB | 0 | -D | SECRETLY |
| | | | PJ-X | PERF PART BE1 | Y | V | BEEN |
| | | | | | | | ∎ |
| PJ,AV5-0 | AD | 00C00 | | PERF PART BE1 | | -DD | VERY |
| | | | CA- | ADVERB | 0 | -D | RECENTLY |
| | | | PJ-X | PERF PART BE1 | Y | V | BFEN |
| | | | | | | | ∎ |
| PJ,BP3-0 | YY | 00000 | | PERF PART BE1 | | ••• | WHERE HAVE YOU BEEN |
| | | | .' | | | V | ∎ |
| Q1,AV1-0 | AD | 00000 | | PERF PARTICIPLE VT1 | | ••• | I HAVE READ AND QUICKLY |
| | | | | | | -D | |
| | | | ZM-E | COMMA,ANC,OR (DRCP) | 0 | -+ | BUT |
| | | | CA- | ADVERB | 0 | -D | CAREFULLY |
| | | | C1-X | PERF PARTICIPLE VT1 | Y | $ | CORRECTED |
| | | | | | | (0) | (THE) PAPER |
| Q1,AV5-C | AD | 00000 | | PERF PARTICIPLE VT1 | | -DC | VERY |
| | | | CA- | ADVERB | 0 | -D | CAREFULLY |
| | | | C1-X | PERF PARTICIPLE VT1 | Y | ∗ | CORRECTED |
| | | | | | | (0) | (THE) PAPER |
| Q1,BP3-0 | YY | 00C00 | | PERF PARTICIPLE VT1 | | $X | BEEN |
| | | | R1-X | PARTICIPLE VT1 | Y | $ | INTERESTED |
| | | | | | | (VPR) | IN |
| | | | | | | (VPO) | (THE) PAPER |

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|---|---|---|---|---|---|---|
| Q1,CMA-0 | IN | 00000 | | PERF PARTICIPLE VT1 | *** | I HAVE READ AND |
| | | | | | -, | , |
| | | | DA- | ADVERB | 0 -D | (VERY) CAREFULLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | Q1-X | PERF PARTICIPLE VT1 | Y $ | CORRECTED |
| | | | | | (0) | (THE) PAPER |
| Q1,CMA-1 | IN | 00000 | | PERF PARTICIPLE VT1 | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | Q1-X | PERF PARTICIPLE VT1 | Y $ | (CRITICALLY) REVIEWED |
| | | | | | (0) | (THE) PAPER |
| Q1,PI1-0 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | WRITTEN |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | ABOUT |
| | | | | | ($PO) | (THE) PAPER |
| Q1,PI1-1 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | WRITTEN |
| | | | DQ- | PREPOSITION | 1 $PR | ABOUT |
| | | | CM-M | COMMA,AND,OR | Y + | AND |
| | | | Q1-X | PERF PARTICIPLE VT1 | Y $ | COMMENTED |
| | | | | | ($PR) | ON |
| | | | | | ($PO) | (THE) PAPER |
| Q1,PI3-0 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | COMMENTED |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | ON |
| | | | | | ($PO) | (THE) PAPER |
| Q1,PI3-1 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | COMMENTED |
| | | | DQ- | PREPOSITION | 1 $PR | ON |
| | | | CM-M | COMMA,AND,OR | Y + | AND |
| | | | Q1-X | PERF PARTICIPLE VT1 | Y $ | QUOTED |
| | | | | | ($PR) | FROM |
| | | | | | ($PO) | (THE) PAPER |
| Q1,PT1-0 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | CORRECTED |
| | | | N2-X | OBJECT | 0 0 | (THE) PAPER |
| Q1,PT1-1 | YY | 00000 | | PERF PARTICIPLE VT1 | $ | CORRECTED |
| | | | CM-M | COMMA,AND,OR | Y + | AND |
| | | | C1-X | PERF PARTICIPLE VT1 | Y $ | COMMENTED |
| | | | | | ($PR) | ON |
| | | | | | ($PO) | (THE) PAPER |
| QU,AAA-0 | AP | 00000 | | QUESTION MARK | *** | DID YOU WORK |
| | | | | | -EA | THIS |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | MORNING |
| | | | QU- | QUESTION MARK | Y 2= | = |

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|---|---|---|---|---|---|---|
| QU,AA8-0 | AP | 00000 | | QUESTION MARK | ••• −EA | DID YOU WORK MORE |
| | | | ON- 88-A | ADVERBIAL NOUN PHR THAN-CLAUSE | 0 −E 1 −EA8R (−EA8S) (−EA8V) | HOURS THAN I DID |
| | | | QU− | QUESTION MARK | Y 2= | = |
| QU,AV1-0 | AD | 00000 | | QUESTION MARK | ••• −0 | WHAT ARE YOU DOING HERE |
| | | | ZM−E DA− | COMMA,AND,OR (DROP) ADVERB | 0 −+ 0 −PR (−PC) | AND AT HOME |
| | | | GU− | QUESTION MARK | Y 2= | = |
| QU,AV2-0 | AD | 0000C | | QUESTION MARK | −D | IN |
| | | | ZM−E DA− GU− | COMMA,AND,OR (DROP) ADVERB QUESTION MARK | 0 −+ 0 −D Y 2= | AND OUT (OF SCHOOL) = |
| QU,AV3-0 | AB | 00C00 | | QUESTION MARK | −DD | AS |
| | | | CA− 33−C | ADVERB AS-CLAUSE | 0 −D C −D8R (−D8C) | SWIFTLY AS POSSIBLE |
| | | | GU− | QUESTION MARK | Y 2= | = |
| QU,AV3-1 | AB | 00000 | | QUESTION MARK | −DD | AS |
| | | | CA− C3−C 1Z−A VZ−G | ADVERB AS (OF COMPARISON) SUBJECT PREDICATE | 0 −D 0 −D8R 2 −D8S 2 −D8V (−D8C) | QUICKLY AS YOU ARE ABLE |
| | | | GU− | QUESTION MARK | Y 2= | = |
| QU,AV5-0 | AD | 00C00 | | QUESTION MARK | −DD | VERY |
| | | | DA− GU− | ADVERB QUESTION MARK | 0 −D Y 2= | CAREFULLY = |
| QU,AV6-0 | AB | 00000 | | QUESTION MARK | −D | LATER |
| | | | QU− | QUESTION MARK | Y 2= | = |
| QU,AV6-1 | AB | 00000 | | QUESTION MARK | −D | SLOWER |
| | | | 88−C | THAN-CLAUSE | 0 −D8R (−D8D) | THAN EVER |
| | | | GU− | QUESTION MARK | Y 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| QU,AV6-2 | AD | 00000 | | | *** -D | WHAT ARE YOU DOING FASTER |
| | | | C8-C | QUESTION MARK THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 -D8S | YOU |
| | | | VZ-G | PREDICATE | 2 -D8V | ARE |
| | | | | | (-D8C) | ABLE |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,AV6-3 | AD | 00000 | | QUESTION MARK | *** -D | DO YOU SPEAK FRENCH BETTER |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | N2-A | OBJECT | 2 -D8O | GERMAN |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,AV8-0 | AD | 00000 | | QUESTION MARK | -D | TOO |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CCO-0 | CO | 00000 | | QUESTION MARK | *** -8R | WHAT ARE YOU DOING UNTIL |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | I |
| | | | | | (-8V) | RETURN |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CCO-1 | CO | 00000 | | QUESTION MARK | *** -8R | WILL YOU STAY WHERE |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CIF-0 | CO | 00000 | | QUESTION MARK | -8R | IF |
| | | | DA- | ADVERB | 1 -8D | NOT RIGHT NOW |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CIF-1 | CO | 00000 | | QUESTION MARK | -8R | IF |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CIF-2 | CO | 00000 | | QUESTION MARK | -8R | IF |
| | | | N3-A | NOUN COMPLEMENT | 1 -8C | (THE) WINNER |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CIF-3 | CO | 00000 | | QUESTION MARK | -8R | IF |
| | | | PA-A | PARTICIPLE | 1 -8V | REQUIRED |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CIF-4 | CO | 00000 | | QUESTION MARK | -8R | IF |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | QU- | QUESTION MARK | Y 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| QU,CIF-5 | CO | 00000 | | QUESTION MARK | *** | WOULD YOU STAY |
| | | | SH-G | SUBJUNCTIVE CLAUSE | -8R | IF |
| | | | | | 0 -8S | YOU |
| | | | | | (-8V) | WERE |
| | | | | | (-8C) | ABLE |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CMA-0 | CM | 00000 | | QUESTION MARK | -, | , |
| | | | DA- | ADVERB | 0 -D | FOREVER |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CMA-1 | CM | 00000 | | QUESTION MARK | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | TALKING (WITH US) |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,CMA-2 | EC | 00000 | | QUESTION MARK | , | , |
| | | | XC-S | (A,B,) AND (C) | 0 + | AND |
| | | | SE- | SENTENCE | 0 2VX | WOULD |
| | | | | | (2S) | YOU |
| | | | | | (2V) | PLAY (WITH US) |
| | | | | | (2=) | = |
| QU,CO2-0 | CO | 00000 | | QUESTION MARK | *** | WHAT ARE YOU DOING |
| | | | | | -8R | WHEN |
| | | | CA- | ADVERB | 1 -8PR | ON |
| | | | | | (-8PO) | VACATION |
| | | | CU- | QUESTION MARK | Y 2= | = |
| QU,CO2-1 | CO | 00000 | | QUESTION MARK | -8R | WHEN |
| | | | AI-A | ADJECTIVE | 1 -8C | FREE |
| | | | CU- | QUESTION MARK | Y 2= | = |
| QU,CO2-2 | CO | 00000 | | QUESTION MARK | -8R | WHEN |
| | | | N3-A | NOUN COMPLEMENT | 1 -8C | ADVISER |
| | | | CU- | QUESTION MARK | Y 2= | = |
| QU,CO2-3 | CO | 00000 | | QUESTION MARK | -8R | WHEN |
| | | | PA-A | PARTICIPLE | 1 -8V | DISCHARGED |
| | | | CU- | QUESTION MARK | Y 2= | = |
| QU,CO2-4 | CO | 00000 | | QUESTION MARK | *** | WILL YOU STAY |
| | | | | | -8R | WHEN |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CU- | QUESTION MARK | Y 2= | = |
| QU,CO2-5 | CO | 00000 | | QUESTION MARK | -8R | WHEN |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | I |
| | | | | | (-8V) | ASK |
| | | | | | (-8O) | YOU |
| | | | CU- | QUESTION MARK | Y 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| QU,CO3-0 | CO | 00000 | | QUESTION MARK | | ●●● | WILL YOU STAY |
| | | | | | | -8R | AS |
| | | | VC-G | PREDICATE | 1 | -8V | WAS PLANNED |
| | | | QU- | QUESTION MARK | Y | 2= | ■ |
| QU,CO4-0 | CO | 00000 | | QUESTION MARK | | -8R | HOWEVER |
| | | | DA- | ADVERB | 1 | -8D | STRONGLY |
| | | | 1Z-A | SUBJECT | 1 | -8S | YOU |
| | | | VZ-G | PREDICATE | 1 | -8V | ARE (AGAINST IT) |
| | | | CU- | QUESTION MARK | Y | 2= | ■ |
| QU,CO4-1 | CO | 00000 | | QUESTION MARK | | -8R | HOWEVER |
| | | | AI-A | ADJECTIVE | 1 | -8C | DIFFICULT |
| | | | 1Z-A | SUBJECT | 1 | -8S | IT |
| | | | CZ-G | COPULA | 1 | -8V | MAY BE |
| | | | QU- | QUESTION MARK | Y | 2= | ■ |
| QU,CO4-2 | CO | 00000 | | QUESTION MARK | | -8R | HOWEVER |
| | | | PA-A | PARTICIPLE | 1 | -8V | EXHAUSTED |
| | | | 1Z-A | SUBJECT | 1 | -8S | YOU |
| | | | FZ-G | BE3 (AUXILIARY) | 1 | -8VX | MAY BE |
| | | | CU- | QUESTION MARK | Y | 2= | ■ |
| QU,CPR-0 | AD | 00000 | | QUESTION MARK | | -D | REGARDLESS |
| | | | DP- | PREPOSITIONAL PHR | 1 | -DPR | OF |
| | | | | | | (-DPO) | (MY) REQUEST |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | -+ | AND |
| | | | DA- | ADVERB | 0 | -D | IRRESPECTIVE (OF MY HAPPINESS) |
| | | | CU- | QUESTION MARK | Y | 2= | ■ |
| QU,NAD-0 | AP | 00CCO | | QUESTION MARK | | -E | DAYS |
| | | | XC-E | (A,B,) AND (C) | 0 | -+ | AND |
| | | | DN- | ADVERBIAL NOUN PHR | 0 | -E | NIGHTS |
| | | | PO- | PERIOD | Y | 2= | ■ |
| QU,NUM-0 | AP | 00000 | | PERIOD | | -EA | TWO |
| | | | CN- | ADVERBIAL NOUN PHR | 0 | -E | NIGHTS |
| | | | PO- | PERIOD | Y | 2= | ■ |
| GU,PRE-C | PH | 00C00 | | QUESTION MARK | | ●●● | WHAT ARE YOU DOING |
| | | | | QUESTION MARK | | /PR | WITH |
| | | | NQ-G | NOUN OBJECT | 1 | /PO | (SUCH) ENTHUSIASM |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | WITH |
| | | | | | | (/PO) | (SUCH) ABILITY |
| | | | CU- | QUESTION MARK | Y | 2= | ■ |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| QU,PRE-1 | PH | 00000 | | QUESTION MARK | •••  /PR | WHAT ARE YOU DOING ON |
| | | | GR-B | GERUND | 1 /POG | ARRIVING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | AFTER |
| | | | | | (/POG) | EATING |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,PRE-2 | PH | 00000 | | QUESTION MARK | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | (THE) MOVIE |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,QUE-0 | ES | 00000 | | QUESTION MARK | 2= | = |
| QU,TOI-0 | DI | 00000 | | QUESTION MARK | ••• -DVR | WILL YOU COME TO |
| | | | BV-M | INFINITE VERB | 0 -DV | STAY |
| | | | ZM-I | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | IF-M | TO-INFINITIVE | 0 -DVR | TO |
| | | | | | (-DV) | PLAY (WITH ME) |
| | | | QU- | QUESTION MARK | Y 2= | = |
| QU,XCO-0 | CO | 00C00 | | QUESTION MARK | + | OR |
| | | | SE- | SENTENCE | 0 2VX | ARE |
| | | | | | (2S) | YOU |
| | | | | | (2V) | GOING |
| | | | | | (2VDVR) | TO |
| | | | | | (2VDV) | DESERT |
| | | | | | (2VDO) | ME |
| | | | | | (2=) | = |
| R1,AV1-0 | AD | 00000 | | PARTICIPLE VT1 | ••• -D | WE ARE READING AND QUICKLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
| | | | DA- | ADVERB | 0 -D | CAREFULLY |
| | | | R1-X | PARTICIPLE VT1 | Y $ | CORRECTING |
| | | | | | (0) | (THE) PAPER |
| R1,AV5-0 | AD | 00000 | | PARTICIPLE VT1 | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | CAREFULLY |
| | | | R1-X | PARTICIPLE VT1 | Y $ | CORRECTING |
| | | | | | (0) | (THE) PAPER |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •••| WE ARE READING AND |
| R1,CMA-0 | IN | 00000 | | PARTICIPLE VT1 | -, | , |
| | | | DA- | ADVERB | 0 -D | (VERY) CAREFULLY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | R1-X | PARTICIPLE VT1 | Y $ | CORRECTING |
| | | | | | (0) | (THE) PAPER |
| | | | | | | |
| R1,CMA-1 | IN | 00000 | | PARTICIPLE VT1 | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | | | | (CRITICALLY) |
| | | | R1-X | PARTICIPLE VT1 | Y $ | CORRECTING |
| | | | | | (0) | (THE) PAPER |
| R1,PT1-0 | YY | 00000 | | PARTICIPLE VT1 | $ | INTERESTED |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | IN |
| | | | | | ($PO) | (THE) PAPER |
| | | | | | | |
| R1,PT1-1 | YY | 00000 | | PARTICIPLE VT1 | $ | INTERESTED |
| | | | DQ- | PREPOSITION | 1 $PR | IN |
| | | | CM-M | COMMA,AND,OR | 0 + | AND |
| | | | R1-X | PRES PART VT1 | 0 $ | EDITING |
| | | | | | (0) | (THE) PAPER |
| R1,RI1-0 | YY | 00000 | | PARTICIPLE VT1 | $ | WRITING |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | ABOUT |
| | | | | | ($PO) | (THE) PAPER |
| | | | | | | |
| R1,RI1-1 | YY | 00000 | | PARTICIPLE VT1 | $ | WRITING |
| | | | DQ- | PREPOSITION | 1 $PR | ABOUT |
| | | | CM-M | COMMA,AND,OR | 0 + | AND |
| | | | R1-X | PARTICIPLE VT1 | 0 $ | COMMENTING |
| | | | | | ($PR) | ON |
| | | | | | ($PO) | (THE) PAPER |
| R1,RI3-0 | YY | 00000 | | PARTICIPLE VT1 | $ | COMMENTING |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | ON |
| | | | | | ($PO) | (THE) PAPER |
| | | | | | | |
| R1,RI3-1 | YY | 00000 | | PARTICIPLE VT1 | $ | COMMENTING |
| | | | DQ- | PREPOSITION | 1 $PR | ON |
| | | | CM-M | COMMA,AND,OR | 0 + | AND |
| | | | R1-X | PARTICIPLE VT1 | 0 $ | QUOTING |
| | | | | | ($PR) | FROM |
| | | | | | ($PO) | (THE) PAPER |
| R1,RT1-0 | YY | 00000 | | PARTICIPLE VT1 | $ | CORRECTING |
| | | | N2-X | OBJECT | 0 0 | (THE) PAPER |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| R1,RT1-1 | YY | 00000 | | PARTICIPLE VT1 | $ | ••• | WE ARE READING AND CORRECTING |
| | | | CM-M | COMMA,AND,OR | 0 + | | AND |
| | | | R1-X | PARTICIPLE VT1 | 0 $ | | COMMENTING |
| | | | | | (SPR) | | ON |
| | | | R1-X | PARTICIPLE VT1 | 0 $ | | EDITING |
| RR,AV1-0 | AD | 00000 | | PARTICIPLE VI | -D | ••• | THERE IS HIGH |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | | AND |
| | | | DA- | ADVERB | 0 -D | | SWIFTLY |
| | | | RR-X | PARTICIPLE VI | Y $ | | FLYING A PLANE |
| RR,AV5-0 | AD | 00000 | | PARTICIPLE VI | -DO | | VERY |
| | | | DA- | ADVERB | 0 -D | | SWIFTLY |
| | | | RR-X | PARTICIPLE VI | Y $ | | FLYING A PLANE |
| RR,AV8-0 | AD | 00000 | | PARTICIPLE VI | -D | | TOO (SWIFTLY) |
| | | | RR-X | PARTICIPLE VI | Y $ | | FLYING A PLANE |
| RR,CMA-0 | IN | 00000 | | PARTICIPLE VI | -, | | , |
| | | | DA- | ADVERB | 0 -D | | HIGH UP |
| | | | CN-R | COMMA | 0 -, | | , |
| | | | RR-X | PARTICIPLE VI | Y $ | | FLYING A PLANE |
| RR,PI1-0 | YY | 00000 | | PARTICIPLE VI | $ | ••• | THERE WAS RUN |
| | | | CQ- | PREPOSITION | 1 $PR | | OVER (BY A CAR) |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | | AND |
| | | | RR-X | PARTICIPLE VI | Y $ | | KILLED A MAN ... |
| RR,PI3-0 | YY | 00000 | | PARTICIPLE VI | $ | ••• | THERE ARE REFERRED |
| | | | CQ- | PREPOSITION | 1 $PR | | TO |
| | | | ZM-M | COMMA,AND,OR (DROP) | Y + | | AND |
| | | | RR-X | PARTICIPLE VI | Y $ | | CRITICIZED THE PAPERS WRITTEN BY HIM |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| RR,PT1-0 | YY | 00000 |  | PARTICIPLE VI | $ ••• | THERE ARE |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | REVIEWED AND |
|  |  |  | RR-X | PARTICIPLE VI | Y $ | CRITICIZED THE PAPERS WRITTEN BY HIM |
| RR,RI1-0 | YY | 00000 |  | PARTICIPLE VI | $ | COMING |
|  |  |  | ZM-M | COMMA,AND,OR (DROP) | Y + | AND |
|  |  |  | RR-X | PARTICIPLE VI | Y $ | (SOON) LEAVING MESSENGERS |
| RS,AV1-0 | AD | 00000 |  | PRES PART COPULA | -D ••• | THIS IS WHAT I AM GRADUALLY |
|  |  |  | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
|  |  |  | DA- | ADVERB | 0 -D | STEADILY |
|  |  |  | RS-X | PRES PART COPULA | Y $ | BECOMING |
| RS,AV5-0 | AD | 00000 |  | PRES PART COPULA | -DD | VERY |
|  |  |  | DA- | ADVERB | 0 -D | STEADILY |
|  |  |  | RS-X | PRES PART COPULA | Y $ | BECOMING |
| RS,AV8-0 | AD | 00000 |  | PRES PART COPULA | -D | TOO (SLOWLY) |
|  |  |  | RS-X | PRES PART COPULA | Y $ | BECOMING |
| RS,CMA-0 | IN | 00000 |  | PRES PART COPULA | -, |  |
|  |  |  | DA- | ADVERB | 0 -D | (VERY) GRADUALLY |
|  |  |  | CN-R | COMMA | 0 -, | , |
|  |  |  | RS-X | PRES PART COPULA | Y $ | BECOMING |
| RS,CMA-1 | IN | 00000 |  | PRES PART COPULA | -, | , |
|  |  |  | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY)SPEAKING |
|  |  |  | CN-R | COMMA | 0 -, | , |
|  |  |  | RS-X | PRES PART COPULA | Y $ | BECOMING |
| RS,RI2-0 | YY | 00000 |  | PRES PART COPULA | $ | BECOMING |
| RS,RT1-0 | YY | 00000 |  | PRES PART COPULA | $ | HOPING |
|  |  |  | II-F | TO-INFIN COPULA | 0 OVR (OV) | TO BECOME |
| RS,RT2-0 | YY | 00000 |  | PRES PART COPULA | $ | WISHING |
|  |  |  | NC-X | NOUN OBJECT | 0 0 | HIM |
|  |  |  | II-F | TO-INFIN COPULA | 0 OVR (OV) | TO BECOME |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,AAA-0 | SV | 00000 | | SENTENCE | | 1SA | THE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | SUMMER |
| | | | VZ-A | PREDICATE | 1 | 1V | HAS COME |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,AAA-1 | SP | 00000 | | SENTENCE | | PSA | THE |
| | | | 4C-B | MODIFIED SUBJECT | 2 | PS | SUMMER |
| | | | PA-C | PARTICIPLE | 1 | PM | HAVING COME |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | IT |
| | | | | | | (1V) | IS |
| | | | | | | (1C) | HOT |
| | | | | | | (1.) | . |
| SE,AAA-2 | AP | 00000 | | SENTENCE | | EA | LAST |
| | | | DN- | ADVERBIAL NOUN PHR | 1 | E | NIGHT |
| | | | SE- | SENTENCE | 0 | 1S | I |
| | | | | | | (1V) | WENT (TO BED AT ELEVEN) |
| | | | | | | (1.) | . |
| SE,AAB-0 | SV | 00000 | | SENTENCE | | 1SA | BRIGHTER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | MEN |
| | | | 8B-A | THAN-CLAUSE | 2 | 1SA8R | THAN |
| | | | | | | (1SA8S) | YOU |
| | | | VZ-A | PREDICATE | 1 | 1V | COULD DO |
| | | | | | | (10) | IT |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,AAB-1 | SV | 00000 | | SENTENCE | | 1SA | MORE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | MEN |
| | | | VZ-A | PREDICATE | 1 | 1V | CAME |
| | | | 8B-I | THAN-CLAUSE | 1 | 1SA8R | THAN |
| | | | | | | (1SA8V) | EXPECTED |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,ADJ-0 | SP | 00000 | | SENTENCE | | PC | ACTIVE |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 | P+ | AND |
| | | | AI-C | ADJECTIVE | 2 | PC | HELPFUL (IN ALL) |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | HAS SUCCEEDED |
| | | | | | | (1.) | . |
| SE,ADJ-1 | CV | 00000 | | SENTENCE | | 1C | CRUCIAL |
| | | | EC-A | BE2 (COPULA) | 1 | 1V | IS |
| | | | 1C-A | SUBJECT | 1 | 1S | (THE) QUESTION... |
| | | | PD- | PERIOD | 0 | 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,ADK-0 | SP | 00000 | | SENTENCE | PA | WISER |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 P+ | AND |
| | | | AI-C | ADJECTIVE | 2 PC | QUICKER |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | EXCELS |
| | | | | | (1O) | (HIS) BROTHER |
| | | | | | (1.) | . |
| SE,ADK-1 | SP | 00000 | | SENTENCE | PC | BRIGHTER |
| | | | 88-H | THAN-CLAUSE | 2 PCBR | THAN |
| | | | | | ( PCBS) | (HIS) BROTHER |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 P+ | BUT |
| | | | AI-C | ADJECTIVE | 2 PC | DULLER |
| | | | | | ( PCBR) | THAN |
| | | | | | ( PCBS) | (HIS) SISTER |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | IS |
| | | | | | (1C) | AVERAGE |
| | | | | | (1.) | . |
| SE,ADN-0 | SV | 00000 | | SENTENCE | 1SA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 3 1SAD | THAN |
| | | | | | (1SA) | TWENTY |
| | | | 1C-A | SUBJECT | 1 1S | PEOPLE |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |
| SE,ADN-1 | SV | 00000 | | SENTENCE | 1S | MORE |
| | | | 88-E | THAN-CLAUSE | 1 1S7R | THAN |
| | | | | | (1S7S) | I |
| | | | | | (1S7V) | HAD EXPECTED |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |
| SE,ADN-2 | SV | 00000 | | SENTENCE | 1S | MORE |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | 88-E | THAN-CLAUSE | 1 1S7R | THAN |
| | | | | | (1S7S) | I |
| | | | | | (1S7V) | HAD EXPECTED |
| | | | PD- | PERIOD | 0 1. | . |
| SE,ADN-3 | SP | 00000 | | SENTENCE | PSA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 4 PSAD | THAN |
| | | | | | PSA | (TWENTY) |
| | | | 1C-B | SUBJECT | 2 PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 PM | ATTENDING |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) LECTURER |
| | | | | | (1V) | WAS PLEASED |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,ADN-4 | SP | 00000 | | SENTENCE | PS | MORE |
| | | | PA-C | PARTICIPLE | 1 PM | ATTENDING |
| | | | 8B-E | THAN-CLAUSE | 2 PS7R | THAN |
| | | | | | ( PS7S) | HE |
| | | | | | ( PS7V) | HAD EXPECTED |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) LECTURER |
| | | | | | (1V) | WAS PLEASED |
| | | | | | (1.) | . |
| SE,ADP-0 | SV | 0000C | | SENTENCE | 1SA | SUCH |
| | | | PZ-A | NOUN SUBJECT | 1 1S | (A BRIGHT) GIRL |
| | | | VZ-A | PREDICATE | 1 1V | SHOULD (NOT) BE |
| | | | | | (1C) | LAZY |
| | | | PD- | PERIOD | 0 1. | . |
| SE,ADP-1 | SV | 00000 | | SENTENCE | 1SA | SUCH |
| | | | PZ-A | NOUN SUBJECT | 1 1S | PEOPLE |
| | | | 33-A | AS-CLAUSE | 2 1SA8R | AS |
| | | | | | (1SA8V) | ARE GATHERED(HERE) |
| | | | VZ-A | PREDICATE | 1 1V | ARE (OFTEN) |
| | | | | | (1C) | THOUGHTLESS |
| | | | PD- | PERIOD | 0 1. | . |
| SE,ADP-2 | SP | 00000 | | SENTENCE | PSA | SUCH |
| | | | MC-B | NOUN SUBJECT | 2 PS | (FAMOUS) PEOPLE |
| | | | PA-C | PARTICIPLE | 1 PM | COMING |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE' | 0 1S | (THE) CONFERENCE |
| | | | | | (1V) | WAS |
| | | | | | (1C) | (A) SUCCESS |
| | | | | | (1.) | . |
| SE,ADP-3 | SP | 00C0C | | SENTENCE | PSA | SUCH |
| | | | MC-B | NOUN SUBJECT | 2 PS | (A) MAN |
| | | | 33-A | AS-CLAUSE | 3 PSA8R | AS |
| | | | | | ( PSA8S| YOU |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | SELFISH |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | WILL (NOT)ASK |
| | | | | | | (FOR HELP) |
| | | | | | (1.) | . |
| SE,AUX-0 | PR | 01000 | | SENTENCE | 2VX | DOES |
| | | | 1X-A | SUBJECT | 1 2S | HE |
| | | | 8V-A | INFINITE VERB | 1 2V | COME |
| | | | QU- | QUESTION MARK | 0 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,AUX-1 | PR | 01000 | | SENTENCE | 2VX | WILL |
| | | | DC- | THERE, HERE | 1 20 | THERE |
| | | | BX-A | INF COMPLETE VI | 1 2V | BE |
| | | | 1X-A | SUBJECT | 1 2S | (GOOD) NEWS |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,AV1-0 | AD | 00000 | | SENTENCE | D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 1 + | AND |
| | | | DA- | ADVERB | 1 .D | THEN |
| | | | SE- | SENTENCE | 0 1S | CHILDREN |
| | | | | | (1V) | PLAY |
| | | | | | (1.) | . |
| SE,AV2-0 | AD | 00000 | | SENTENCE | D | UP |
| | | | ZM-E | COMMA,AND,OR (DROP) | 1 + | AND |
| | | | DA- | ADVERB | 1 D | DOWN |
| | | | SE- | SENTENCE | 0 1S | (THE) BOAT |
| | | | | | (1V) | ROLLED |
| | | | | | (1.) | . |
| SE,AV2-1 | AD | 00000 | | SENTENCE | D | UP |
| | | | ZM-E | COMMA,AND,OR (DROP) | 1 + | AND |
| | | | DA- | ADVERB | 1 D | DOWN |
| | | | 1Z-A | COMPLETE VI | 1 1V | ROLLED |
| | | | 1Z-A | SUBJECT | 1 1S | (THE) BOAT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,AV3-0 | AB | 00000 | | SENTENCE | 1SAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 1SA | MANY |
| | | | 1Z-A | SUBJECT | 1 1S | PEOPLE |
| | | | 33-A | AS-CLAUSE | 2 1SA8R | AS |
| | | | | | (1SA8S) | WE |
| | | | | | (1SA8V) | HAD EXPECTED |
| | | | VZ-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |
| SE,AV3-1 | AB | 00000 | | SENTENCE | PSAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 PSA | MANY |
| | | | 1C-B | SUBJECT | 2 PS | PEOPLE |
| | | | 33-A | AS-CLAUSE | 2 PSA8R | AS |
| | | | | | ( PSA8S) | WE |
| | | | | | ( PSA8V) | HAD EXPECTED |
| | | | PA-C | PARTICIPLE | 1 PM | COMING |
| | | | CN-0 | COMMA | 1 . | , |
| | | | SE- | SENTENCE | 0 1S | (THE) LECTURE |
| | | | | | (1V) | WAS |
| | | | | | (1C) | (A GREAT) SUCCESS |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,AV3-2 | AB | 00000 | | SENTENCE | DD | AS |
| | | | DA- | ADVERB | 1  D | OFTEN |
| | | | 33-C | AS-CLAUSE | 1  D8R | AS |
| | | | | | (D8C) | POSSIBLE |
| | | | SE- | SENTENCE | 0  1S | I |
| | | | | | (1V) | WENT (TO SEE HIM) |
| | | | | | (1.) | . |
| SE,AV3-3 | AB | 00000 | | SENTENCE | DD | AS |
| | | | DA- | ADVERB | 1  D | OFTEN |
| | | | C3-C | AS (OF COMPARISON) | 1  D8R | AS |
| | | | 1Z-A | SUBJECT | 3  D8S | I |
| | | | VZ-G | PREDICATE | 3  D8V | LOAFED |
| | | | SE- | SENTENCE | 0  1S | HE |
| | | | | | (1V) | WORKED |
| | | | | | (1.) | . |
| SE,AV3-4 | AB | 00000 | | SENTENCE | 1SAD | AS |
| | | | A2-A | ATTRIBUTIVE ADJ | 1  1SA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 3  1SAD | AS |
| | | | | | (1SA) | TWENTY |
| | | | 1C-A | SUBJECT | 1  1S | PEOPLE |
| | | | VC-A | PREDICATE | 1  1V | CAME |
| | | | PD- | PERIOD | 0  1. | . |
| SE,AV4-0 | AD | 00000 | | SENTENCE | 10 | THERE |
| | | | 1Z-A | COMPLETE VI | 1  1V | COMES |
| | | | MZ-A | NOUN SUBJECT | 1  1S | (A) TRAIN |
| | | | PD- | PERIOD | 0  1. | . |
| SE,AV4-1 | AD | 00000 | | SENTENCE | PD | THERE |
| | | | RR-C | PARTICIPLE VI | 1  PM | BEING |
| | | | VC-B | NOUN SUBJECT | 2  PS | MUCH (TO DO) |
| | | | CN-O | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | I |
| | | | | | (1V) | WILL BE |
| | | | | | (1C) | BUSY |
| | | | | | (1.) | . |
| SE,AV5-0 | AD | 00C00 | | SENTENCE | DD | VERY |
| | | | CA- | ADVERB | 1  D | OFTEN |
| | | | SE- | SENTENCE | 0  1S | I |
| | | | | | (1V) | WENT (TO SEE HIM) |
| | | | | | (1.) | . |
| SE,AV5-1 | AD | 00000 | | SENTENCE | 1SAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 1  1SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1  1S | FLOWERS |
| | | | VZ-A | PREDICATE | 1  1V | ARE (HERE) |
| | | | PD- | PERIOD | 0  1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,AV5-2 | AD | 00000 | | SENTENCE | | PSAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 | PSA | FAMOUS |
| | | | 4C-B | MODIFIED SUBJECT | 2 | PS | SCIENTISTS |
| | | | PA-C | PARTICIPLE | 1 | PM | ATTENDING (HERE) |
| | | | CN-0 | COMMA | 1 | . | . |
| | | | SE- | SENTENCE | 0 | 1S | (THE) CONFERENCE |
| | | | | | | (1V) | WAS |
| | | | | | | (1C) | (A) SUCCESS |
| | | | | | | (1.) | . |
| SE,AV6-0 | SV | 00000 | | SENTENCE | | 1SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 | 1SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | GIRLS |
| | | | VZ-A | PREDICATE | 1 | 1V | CAME |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,AV6-1 | SP | 00000 | | SENTENCE | | 1SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 | 1SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | GIRLS |
| | | | 88-A | THAN-CLAUSE | 2 | 1SA8R | THAN |
| | | | | | | (1SA8S) | I |
| | | | | | | (1SA8V) | HAD EXPECTED |
| | | | VZ-A | PREDICATE | 1 | 1V | CAME |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,AV6-2 | SV | 00000 | | SENTENCE | | 1SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 | 1SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | GIRLS |
| | | | VZ-A | PREDICATE | 1 | 1V | CAME |
| | | | 88-I | THAN-CLAUSE | 1 | 1SA8R | THAN |
| | | | | | | (1SA8S) | I |
| | | | | | | (1SA8V) | HAD EXPECTED |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,AV6-3 | AB | 00000 | | SENTENCE | | D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | 1 | D8R | THAN |
| | | | | | ( | D8D) | BEFORE |
| | | | SE- | SENTENCE | 0 | 1S | I |
| | | | | | | (1V) | WENT (TO SEE HER) |
| | | | | | | (1.) | . |
| SE,AV6-4 | AB | 00000 | | SENTENCE | | D | MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 1 | D8R | THAN |
| | | | 1Z-A | SUBJECT | 3 | D8S | I |
| | | | VZ-G | PREDICATE | 3 | D8V | WENT (TO SEE HER) |
| | | | SE- | SENTENCE | 0 | 1S | SHE |
| | | | | | | (1V) | CAME (TO SEE ME) |
| | | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,AV6-5 | SP | 00000 | | SENTENCE | PCD | MORE |
| | | | AI-C | ADJECTIVE | 2  PC | BEAUTIFUL |
| | | | 88-H | THAN-CLAUSE | 2  PC8R | THAN |
| | | | | | (  PC8S) | (HER) SISTER |
| | | | CN-O | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | SHE |
| | | | | | (1V) | IS ENVIED |
| | | | | | (1.) | . |
| | | | | | | |
| SE,AV6-6 | SP | 00000 | | SENTENCE | PCD | MORE |
| | | | AI-C | ADJECTIVE | 2  PC | BEAUTIFUL |
| | | | | | (  P+) | AND |
| | | | | | (  PC) | BRIGHTER |
| | | | CN-O | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | SHE |
| | | | | | (1V) | SURPASSES |
| | | | | | (10) | (HER) SISTER |
| | | | | | (1.) | . |
| | | | | | | |
| SE,AV6-7 | SP | 00000 | | SENTENCE | PSAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2  PSA | INTELLIGENT |
| | | | 4C-B | MODIFIED SUBJECT | 2  PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1  PM | EXISTING |
| | | | CN-O | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | WE |
| | | | | | (1V) | MUST COMPETE |
| | | | | | | (WITH THEM) |
| | | | | | (1.) | . |
| | | | | | | |
| SE,AV6-8 | SP | 000CC | | SENTENCE | PSAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2  PSA | ACTIVE |
| | | | 4C-H | MODIFIED SUBJECT | 2  PS | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 3  PSA8R | THAN |
| | | | | | (  PSA8M) | EXPECTED |
| | | | PA-C | PARTICIPLE | 1  PM | COMING |
| | | | CN-O | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | (THE) CONFERENCE |
| | | | | | (1V) | WAS |
| | | | | | (1C) | (A) SUCCESS |
| | | | | | (1.) | . |
| | | | | | | |
| SE,AV6-9 | SP | 00CC0 | | SENTENCE | PSAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2  PSA | ACTIVE |
| | | | 4C-B | MODIFIED SUBJECT | 2  PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1  PM | COMING |
| | | | 83-I | THAN-CLAUSE | 2  PSA8R | THAN |
| | | | | | (  PSA8M) | EXPECTED |
| | | | CN-C | COMMA | 1  , | , |
| | | | SE- | SENTENCE | 0  1S | (THE) CONFERENCE |
| | | | | | (1V) | WAS |
| | | | | | (1C) | (A) SUCCESS |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,AV6-A | AB | 00000 | | SENTENCE | | D | SOONER |
| | | | ZM-E | COMMA,AND,OR (DROP) | 1 | + | OR |
| | | | DA- | ADVERB | 1 | D | LATER |
| | | | SE- | SENTENCE | 0 | 1S | WE |
| | | | | | | (1V) | HAVE TO DIE |
| | | | | | | (1.) | . |
| SE,AV8-0 | SV | 00000 | | SENTENCE | | 1SAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 | 1SA | MANY |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | PEOPLE |
| | | | VZ-A | PREDICATE | 1 | 1V | CAME |
| | | | FD- | PERIOD | 0 | 1. | . |
| SE,AV8-1 | SP | 0000C | | SENTENCE | | PCD | TOO |
| | | | A1-C | ADJECTIVE | 2 | PC | INTELLIGENT |
| | | | | | ( | P+) | AND |
| | | | | | ( | PC) | (TOO) BRIGHT |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | SHE |
| | | | | | | (1V) | WAS DISLIKED |
| | | | | | | (1.) | . |
| SE,AV8-2 | SP | 00000 | | SENTENCE | | PSAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 | PSA | MANY |
| | | | 4C-B | MODIFIED SUBJECT | 2 | PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 | PM | COMING |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | (THE) CONFERENCE |
| | | | | | | (1V) | WAS |
| | | | | | | (1C) | (A GREAT) SUCCESS |
| | | | | | | (1.) | . |
| SE,AV8-3 | AC | 00C0C | | SENTENCE | | DD | TOO |
| | | | CA- | ADVERB | 1 | D | OFTEN |
| | | | SE- | SENTENCE | 0 | 1S | SHE |
| | | | | | | (1V) | CAME (TO SEE ME) |
| | | | | | | (1.) | . |
| SE,BE1-0 | PR | 01C0C | | SENTENCE | | 2V | IS |
| | | | CC- | THERE, HERE | 1 | 2D | THERE |
| | | | 1X-A | SUBJECT | 1 | 2S | ANYTHING (NEW) |
| | | | CU- | QUESTION MARK | 0 | 2= | = |
| SE,BE1-1 | PR | 010C0 | | SENTENCE | | 2V | IS |
| | | | 1X-A | SUBJECT | 1 | 2S | HE |
| | | | CB- | ADVERB AFTER BE1 | 1 | 2C | HERE |
| | | | CU- | QUESTION MARK | 0 | 2= | = |
| SE,BE2-0 | PR | C1CC0 | | SENTENCE | | 2V | IS |
| | | | 1X-A | SUBJECT | 1 | 2S | HE |
| | | | A1-A | ADJECTIVE | 1 | 2C | SICK |
| | | | CU- | QUESTION MARK | 0 | 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,BE2-1 | PR | 01000 | | SENTENCE | 2V | IS |
| | | | 1X-A | SUBJECT | 1 2S | HE |
| | | | N3-A | NOUN COMPLEMENT | 1 2C | (A) PHILOSOPHER |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,BE3-0 | PR | 01000 | | SENTENCE | 2VX | ARE |
| | | | 1X-A | SUBJECT | 1 2S | YOU |
| | | | PA-A | PARTICIPLE | 1 2V | WORKING |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,BE3-1 | PR | 01000 | | SENTENCE | 2VX | ARE |
| | | | 1X-A | SUBJECT | 1 2S | YOU |
| | | | IF-A | TO-INFINITIVE | 1 2VR | TO |
| | | | | | (2V) | COME (HERE) |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,BG1-0 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | DB- | ADVERB AFTER BE1 | 3 1SGD | HERE |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | C 1. | . |
| SE,BG1-1 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | DB- | ADVERB AFTER BE1 | 3 1SGD | HERE |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | WORKING(WITH YOU) |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PC- | PERIOD | C 1. | . |
| SE,BG2-0 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | AI-E | ADJECTIVE | 2 1SC | KIND |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | C 1. | . |
| SE,BG2-1 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 2 1SC | (A) MISER |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | SELFISH |
| | | | PD- | PERIOD | 0 1. | . |
| SE,BG2-2 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | AI-E | ADJECTIVE | 2 1SC | KIND |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | HELPING |
| | | | | | (1SO) | OTHERS |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,BG2-3 | GS | 00000 | | SENTENCE | 1SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 2 1SC | (A) STUDENT |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | BEING |
| | | | | | (1SC) | (A) SCHOLAR |
| | | | VC-A | PREDICATE | 1 1V | ARE |
| | | | | | (1CA) | (DIFFERENT) |
| | | | | | (1C) | THINGS |
| | | | PD- | PERIOD | 0 1. | . |
| SE,BG3-0 | GS | 00000 | | SENTENCE | 1SGX | BEING |
| | | | PA-E | PARTICIPLE | 2 1SG | DISLIKED |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | SERIOUS |
| | | | PD- | PERIOD | 0 1. | . |
| SE,BG3-1 | GS | 00000 | | SENTENCE | 1SGX | BEING |
| | | | PA-E | PARTICIPLE | 2 1SG | LIKED |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SGX | BEING |
| | | | | | (1SG) | ADMIRED |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,B11-0 | IV | 00000 | | SENTENCE | 3V | BE |
| | | | DB- | ADVERB AFTER BE1 | 2 3VPR | AT |
| | | | | | (3VPO) | HOME |
| | | | PD- | PERIOD | 0 3. | . |
| SE,B12-0 | IV | 00000 | | SENTENCE | 3V | BE |
| | | | AI-B | ADJECTIVE | 1 3C | SENSIBLE |
| | | | PD- | PERIOD | 0 3. | . |
| SE,B12-1 | IV | 00000 | | SENTENCE | 3V | BE |
| | | | N3-B | NOUN COMPLEMENT | 1 3C | (A) MORALIST |
| | | | PD- | PERIOD | 0 3. | . |
| SE,BR1-0 | PV | 00000 | | SENTENCE | PM | BEING |
| | | | CB- | ADVERB AFTER BE1 | 3 PMPR | IN |
| | | | | | ( PMPO) | (THE) COUNTRY |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | SEPARATEC |
| | | | | | ( PMPR) | FROM |
| | | | | | ( PMPO) | (THE) SOCIETY |
| | | | CN-0 | COMMA | 1 , | . |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | (SELDOM) HAVE |
| | | | | | (10) | VISITORS |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,BR2-0 | PV | 00000 | | SENTENCE | PM | BEING |
| | | | AI-C | ADJECTIVE | 2 PC | ACTIVE |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | EXERCISING |
| | | | | | ( PO) | (HIS) AUTHORITY |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | REFORMED |
| | | | | | (10) | (THE) COUNTRY |
| | | | | | (1.) | . |
| SE,BR2-1 | PV | 00000 | | SENTENCE | PM | BEING |
| | | | N3-B | NOUN COMPLEMENT | 2 PC | (A) MISANTHROPE |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | LIVING |
| | | | | | ( PMPM) | ISOLATED |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | (SELDOM) HAS |
| | | | | | (10) | VISITORS |
| | | | | | (1.) | . |
| SE,BR3-0 | PV | 00000 | | SENTENCE | PMX | BEING |
| | | | PA-C | PARTICIPLE | 1 PM | TIRED |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | FEELING |
| | | | | | ( PC) | WEAK |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | RESTED |
| | | | | | (1.) | . |
| SE,CCO-C | CO | 00000 | | SENTENCE | 8R | BEFORE |
| | | | SG-G | DECLARATIVE CLAUSE | 1 8S | I |
| | | | | | ( 8V) | CAME (HERE,) |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | HAD BEEN WORKING |
| | | | | | | (THERE) |
| | | | | | (1.) | . |
| SE,CCO-1 | CO | 00000 | | SENTENCE | 8R | UNTIL |
| | | | 1Z-A | SUBJECT | 2 8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 2 8VX | CAN |
| | | | CN-P | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 3V | SLEEP |
| | | | | | (3.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OR PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,CIF-0 | CO | 00000 | | SENTENCE | 8R | IF |
| | | | CA- | ADVERB | 2  8PR | IN |
| | | | | | (  8PO) | TROUBLE |
| | | | CN-P | COMMA | 1  . | , |
| | | | SE- | SENTENCE | 0  3V | COME (TO SEE ME) |
| | | | | | (3.) | . |
| SE,CIF-1 | CO | 00000 | | SENTENCE | 8R | IF |
| | | | AI-A | ADJECTIVE | 2  8C | POSSIBLE |
| | | | CN-P | COMMA | 1  . | , |
| | | | SE- | SENTENCE | 0  3V | COME (TO SEE ME) |
| | | | | | (3.) | . |
| SE,CIF-2 | CO | 00000 | | SENTENCE | 8R | IF |
| | | | PA-A | PARTICIPLE | 2  8V | TROUBLED (BY THIS) |
| | | | CN-P | COMMA | 1  . | , |
| | | | SE- | SENTENCE | 0  3V | COME (TO SEE ME) |
| | | | | | (3.) | . |
| SE,CIF-3 | CO | 00000 | | SENTENCE | 8R | IF |
| | | | 1C-A | SUBJECT | 2  8S | YOU |
| | | | UC-G | AUXILIARY VERB | 2  8VX | CAN |
| | | | CN-P | COMMA | 1  . | , |
| | | | SE- | SENTENCE | 0  3V | HELP |
| | | | | | (30) | ME |
| | | | | | (3.) | . |
| SE,CIF-4 | CO | 00000 | | SENTENCE | 8R | IF |
| | | | SH-G | SUBJUNCTIVE CLAUSE | 1  8S | IT |
| | | | | | (  8V) | BE |
| | | | | | (  8C) | TRUE (,) |
| | | | SE- | SENTENCE | 0  1S | I |
| | | | | | (1V) | HAVE TO ACCEPT |
| | | | | | (10) | IT |
| | | | | | (1.) | . |
| SE,CMA-0 | CM | 00000 | | SENTENCE | . | (YESTERDAY), |
| | | | SE- | SENTENCE | 0  1S | I |
| | | | | | (1V) | WENT (TO SEE HIM) |
| | | | | | (1.) | . |
| SE,C01-0 | CC | 00000 | | SENTENCE | 14R | THAT |
| | | | SG-C | DECLARATIVE CLAUSE | 1  14S | YOU |
| | | | | | (14V) | WILL SUCCEED |
| | | | VS-A | PREDICATE | 1  1V | IS |
| | | | | | (1C) | OBVIOUS |
| | | | PO- | PERIOD | 0  1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,CO1-1 | CO | 00000 | | SENTENCE | 14R | THAT |
| | | | SG-C | DECLARATIVE CLAUSE | 1 14S | YOU |
| | | | | | (14V) | WILL SUCCEED |
| | | | XC-W | (A,B,) AND (C) | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14R | THAT |
| | | | | | (14S) | HE |
| | | | | | (14V) | WILL FAIL |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | OBVIOUS |
| | | | PO- | PERIOD | 0 1. | . |
| SE,CO2-0 | CO | 00000 | | SENTENCE | 8R | WHEN |
| | | | DA- | ADVERB | 2 8PR | IN |
| | | | | | ( 8PO) | ROME |
| | | | CN-O | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 3V | DO (AS ROMANS DO) |
| | | | | | (3.) | . |
| SE,CO2-1 | CO | 00000 | | SENTENCE | 8R | WHEN |
| | | | AI-A | ADJECTIVE | 2 8C | POSSIBLE |
| | | | CN-P | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 3V | DO |
| | | | | | (3O) | IT (QUICKLY) |
| | | | | | (3.) | |
| SE,CO2-2 | CO | 00000 | | SENTENCE | 8R | WHEN |
| | | | N3-A | NOUN COMPLEMENT | 2 8C | (A)BOY(IN SCHOOL) |
| | | | CN-P | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | WAS |
| | | | | | (1C) | (AN) ATHLETE |
| | | | | | (1.) | . |
| SE,CO2-3 | CO | 00000 | | SENTENCE | 8R | WHILE |
| | | | PA-A | PARTICIPLE | 2 8V | WORKING (THERE) |
| | | | CN-P | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | SHOULD (NOT) TALK |
| | | | | | (1.) | . |
| SE,CO2-4 | CO | 00000 | | SENTENCE | 8R | WHEN |
| | | | 1Z-A | SUBJECT | 2 8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 2 8VX | CAN |
| | | | CN-P | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 3V | COME (TO SEE ME) |
| | | | | | (3.) | . |
| SE,CO2-5 | CO | 00000 | | SENTENCE | 8R | WHEN |
| | | | SG-G | DECLARATIVE CLAUSE | 1 8S | YOU |
| | | | | | ( 8V) | WORK (,) |
| | | | SE- | SENTENCE | 0 3V | WORK (HARD) |
| | | | | | (3.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,CO3-0 | CO | 00000 | | SENTENCE | 8R | AS |
| | | | VC-G | PREDICATE | 2   8V | IS |
| | | | | | ( 8C) | USUAL (WITH HIM) |
| | | | CN-P | COMMA | 1   . | . |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | IS |
| | | | | | (1C) | ABSENT (TODAY) |
| | | | | | (1.) | . |
| SE,CO4-0 | CO | 00000 | | SENTENCE | 8R | HOWEVER |
| | | | DA- | ADVERB | 2   8D | HARD |
| | | | SG-G | DECLARATIVE CLAUSE | 1   8S | YOU |
| | | | | | ( 8V) | MAY WORK |
| | | | CN-P | COMMA | 1 1, | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | WILL (NOT) SUCCEED |
| | | | | | (1.) | . |
| SE,CO4-1 | CO | 00000 | | SENTENCE | 8R | HOWEVER |
| | | | PA-A | PARTICIPLE | 2   8V | TIRED |
| | | | 1Z-A | SUBJECT | 2   8S | YOU |
| | | | FZ-G | BE3 (AUXILIARY) | 2   8VX | MAY BE |
| | | | CN-P | COMMA | 1 1, | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST DO |
| | | | | | (10) | IT (QUICKLY) |
| | | | | | (1.) | . |
| SE,CO4-2 | CO | 00000 | | SENTENCE | 8R | HOWEVER |
| | | | AI-A | ADJECTIVE | 2   8C | SAD |
| | | | 1Z-A | SUBJECT | 2   8S | YOU |
| | | | CZ-G | COPULA | 2   8V | MAY BE |
| | | | CN-P | COMMA | 1   . | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST CONCEAL |
| | | | | | (10) | IT |
| | | | | | (1.) | . |
| SE,CO5-0 | CV | 00000 | | SENTENCE | 8C | WHOEVER |
| | | | 1Z-A | SUBJECT | 2   8S | YOU |
| | | | CZ-G | COPULA | 2   8V | MAY BE |
| | | | CN-P | COMMA | 1   . | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST OBEY |
| | | | | | (10) | REGULATIONS |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,C05-1 | SV | 00000 | | SENTENCE | 8S | WHATEVER |
| | | | VC-G | PREDICATE | 2 8V | MAY HAPPEN |
| | | | CN-P | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST KEEP |
| | | | | | (1C) | CALM |
| | | | | | (1.) | . |
| SE,C06-0 | OV | 00000 | | SENTENCE | 8O | WHATEVER |
| | | | SF-G | DECLAR CL WITH NO OBJ | 1 8S | YOU |
| | | | | | ( 8V) | MAY DO |
| | | | CN-P | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST DO |
| | | | | | (1O) | IT (WILLINGLY) |
| | | | | | (1.) | . |
| SE,C07-0 | OV | 00000 | | SENTENCE | 8OA | WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 2 8O | BOOK |
| | | | SF-G | DECLAR CL WITH NO OBJ | 1 8S | YOU |
| | | | | | ( 8V) | MAY READ |
| | | | CN-P | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST DC |
| | | | | | (1O) | IT (CAREFULLY) |
| | | | | | (1.) | . |
| SE,C07-1 | SV | 00000 | | SENTENCE | 8SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 2 8S | CHANCE |
| | | | VZ-G | PREDICATE | 2 8V | MAY BE GIVEN |
| | | | | | ( 8O) | YOU |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST ACCEPT |
| | | | | | (1O) | IT |
| | | | | | (1.) | . |
| SE,C07-2 | CV | 00000 | | SENTENCE | 8CA | WHATEVER |
| | | | N6-A | MODIFIED COMPLEMENT | 2 8C | WORK |
| | | | 1Z-A | SUBJECT | 2 8S | IT |
| | | | CZ-G | COPULA | 2 8V | MAY BE |
| | | | CN-P | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST ACCEPT |
| | | | | | (1O) | IT |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,CPR-0 | AD | 00000 |  | SENTENCE | D | REGARDLESS |
|  |  |  | DP- | PREPOSITIONAL PHR | 2   DPR | OF |
|  |  |  |  |  | ( DPO) | (MY OWN) OPINION |
|  |  |  | ZC-E | (A,B,) AND (C) (DROP) | 1   + | AND |
|  |  |  | DA- | ADVERB | 1   0 | IRRESPECTIVE |
|  |  |  |  |  | ( DPR) | OF |
|  |  |  |  |  | ( DPO) | (YOUR) WILL |
|  |  |  | SE- | SENTENCE | 0  1S | THIS |
|  |  |  |  |  | (1V) | MUST BE DONE |
|  |  |  |  |  | (1.) | . |
| SE,DOI-0 | IV | 00000 |  | SENTENCE | 3VX | DO |
|  |  |  | BV-B | INFINITE VERB | 1  3V | (NOT) COME |
|  |  |  | PD- | PERIOD | 0  3. | . |
| SE,GI1-0 | GS | 00000 |  | SENTENCE | 1SG | SMOKING |
|  |  |  | VS-A | PREDICATE | 1  1V | KILLS |
|  |  |  | PD- | PERIOD | 0  1. | . |
| SE,GI1-1 | GS | 00000 |  | SENTENCE | 1SG | SMOKING |
|  |  |  | XC-A | (A,B,) AND (C) | 1  1+ | AND |
|  |  |  | GR-A | GERUND | 1  1SG | DRINKING |
|  |  |  | VC-A | PREDICATE | 1  1V | KILLS |
|  |  |  | PD- | PERIOD | 0  1. | . |
| SE,GI2-0 | GS | 00000 |  | SENTENCE | 1SG | GROWING |
|  |  |  | AI-E | ADJECTIVE | 2  1SC | OLD |
|  |  |  | VS-A | PREDICATE | 1  1V | IS |
|  |  |  |  |  | (1C) | INEVITABLE |
|  |  |  | PD- | PERIOD | 0  1. | . |
| SE,GI2-1 | GS | 00000 |  | SENTENCE | 1SG | BECOMING |
|  |  |  | N3-E | NOUN COMPLEMENT | 2  1SC | (A) DOCTOR |
|  |  |  | VS-A | PREDICATE | 1  1V | IS |
|  |  |  |  |  | (1C) | DIFFICULT |
|  |  |  | PD- | PERIOD | 0  1. | . |
| SE,GI2-2 | GS | 00000 |  | SENTENCE | 1SG | GROWING |
|  |  |  | AI-E | ADJECTIVE | 2  1SC | OLD |
|  |  |  | XC-A | (A,B,) AND (C) | 1  1+ | AND |
|  |  |  | GR-A | GERUND | 1  1SG | FEELING |
|  |  |  |  |  | (1SC) | WEAK |
|  |  |  | VC-A | PREDICATE | 1  1V | IS |
|  |  |  |  |  | (1C) | UNPLEASANT |
|  |  |  | PD- | PERIOD | 0  1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GI2-3 | GS | 00000 | | SENTENCE | 1SG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 2 1SC | (A) SURGEON |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | OPERATING |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GI3-0 | GS | 00000 | | SENTENCE | 1SG | APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 3 1SGPR | FOR |
| | | | | | (1SGPO) | (A) JOB |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GI3-1 | GS | 00000 | | SENTENCE | 1SG | APPLYING |
| | | | DP- | PREPOSITIONAL PHR | 3 1SGPR | FOR |
| | | | | | (1SGPO) | (A) JOB |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | LOSING |
| | | | | | (1SO) | IT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DEPRESSING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT1-0 | GS | 00000 | | SENTENCE | 1SG | PLAYING |
| | | | N2-E | OBJECT | 2 1SO | CARDS |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT1-1 | GS | 00000 | | SENTENCE | 1SG | PLAYING |
| | | | N2-E | OBJECT | 2 1SO | CARDS |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | WINNING |
| | | | | | (1SO) | (THE) GAME |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT1-2 | GS | 00000 | | SENTENCE | 1SG | SPEAKING |
| | | | XC-A | (A,B,) ANC (C) | 2 1S+ | AND |
| | | | G1-A | GERUND OF VT1 | 1 1SG | WRITING |
| | | | | | (1SO) | ARMENIAN |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GT2-0 | GS | 00000 | | SENTENCE | 1SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | N2-E | OBJECT | 2 1SO | HELP |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | BORING |
| | | | PD- | PERIOD | 0 1. | • |
| SE,GT2-1 | GS | 00000 | | SENTENCE | 1SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | N2-E | OBJECT | 2 1SO | HELP |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | ENCOURAGING |
| | | | | | (1SO) | HIM |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | • |
| SE,GT3-0 | GS | 00C0C | | SENTENCE | 1SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HER |
| | | | AI-E | ADJECTIVE | 2 1SC | HAPPY |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | • |
| SE,GT3-1 | GS | 0000C | | SENTENCE | 1SG | HAVING |
| | | | AI-E | ADJECTIVE | 2 1SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 1SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 1SO | DEVICES |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | • |
| SE,GT3-2 | GS | 00000 | | SENTENCE | 1SG | APPOINTING |
| | | | NQ-r | NOUN OBJECT | 2 1SO | HIM |
| | | | N3-E | NOUN COMPLEMENT | 2 1SC | PRESIDENT |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE NEXT) STEP |
| | | | PD- | PERIOD | 0 1. | • |
| SE,GT3-3 | GS | 0000C | | SENTENCE | 1SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HER |
| | | | AI-F | ADJECTIVE | 2 1SC | HAPPY |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | SHARING |
| | | | | | (1SO) | (HER) JCY |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | • |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GT3-4 | GS | 00000 | | SENTENCE | 1SG | HAVING |
| | | | AI-E | ADJECTIVE | 2 1SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 1SO4 | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 1SO | DEVICES |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | USING |
| | | | | | (1SO) | THEM (FOR THE PUBLIC) |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE)THING(TO DO) |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT3-5 | GS | 00000 | | SENTENCE | 1SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | THEM |
| | | | N3-E | NOUN COMPLEMENT | 2 1SC | CONFORMERS |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | EXERCISING |
| | | | | | (1SO) | CONFORMITY |
| | | | VC-A | PREDICATE | 1 1V | WOULD BE |
| | | | | | (1C) | BORING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT4-0 | GS | 00000 | | SENTENCE | 1SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | CHILDREN |
| | | | BV-T | INFINITE VERB | 2 1SCV | STUDY |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT4-1 | GS | 00000 | | SENTENCE | 1SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | CHILDREN |
| | | | BV-T | INFINITE VERB | 2 1SCV | LEARN |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | TEACHING |
| | | | | | (1SO) | THEM |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT5-0 | GS | C0C00 | | SENTENCE | 1SG | SEEING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | LEAVES |
| | | | PA-T | PARTICIPLE | 2 1SCM | FALLING |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | SAD |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GT5-1 | GS | 00000 | | SENTENCE | 1SG | SEEING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | LEAVES |
| | | | PA-T | PARTICIPLE | 2 1SCM | APPEARING |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | HEARING |
| | | | | | (1SO) | SQUIRRELS |
| | | | | | (1SCM) | CHATTERING |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT6-0 | GS | 00000 | | SENTENCE | 1SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | SPRING |
| | | | | | (1S5V) | HAS COME |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT6-1 | GS | 00000 | | SENTENCE | 1SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 1S5S | SPRING |
| | | | | | (1S5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 1S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | WINTER |
| | | | | | (1S5V) | HAS GONE |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT6-2 | GS | 00000 | | SENTENCE | 1SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | IT |
| | | | | | (1S5V) | CANNOT HAPPEN |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | VERIFYING |
| | | | | | (1SO) | IT |
| | | | VC-A | PREDICATE | 1 1V | ARE |
| | | | | | (1CA) | TWO (DIFFERENT) |
| | | | | | (1C) | THINGS |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GT6-3 | GS | 00000 | | SENTENCE | 1SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 1S5S | SPRING |
| | | | | | (1S5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 1S+ | , |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | WINTER |
| | | | | | (1S5V) | HAS GONE |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | LOOKING (FORWARD TO SUMMER) |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | PLEASANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT7-0 | GS | 00000 | | SENTENCE | 1SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | HE |
| | | | | | (1S5V) | SHOULD LEAVE |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT7-1 | GS | 00000 | | SENTENCE | 1SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 1S5S | HE |
| | | | | | (1S5V) | SHOULD LEAVE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | 2 1S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | HE |
| | | | | | (1S5V) | SHOULD WORK |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | DIFFICULT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,GT7-2 | GS | 00000 | | SENTENCE | 1SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 1S5R | THAT |
| | | | | | (1S5S) | HE |
| | | | | | (1S5V) | SHOULD WORK |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | WATCHING |
| | | | | | (1SO) | (HIS) REACTION |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,GT7-3 | GS | 00000 | | SENTENCE | 1SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 1SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 1SSS | HE |
| | | | | | (1SSV) | SHOULD WORK |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 1S, | , |
| | | | NC-D | NOUN CLAUSE | 2 1SSR | THAT |
| | | | | | (1SSS) | HE |
| | | | | | (1SSV) | SHOULD SAVE |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | WATCHING |
| | | | | | (1SO) | (HIS) REACTION |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INTERESTING |
| | | | PD- | PERIOD | 0 1. | . |
| SE,HAV-0 | PR | 01000 | | SENTENCE | 2VX | HAS |
| | | | 1X-A | SUBJECT | 1 2S | HE |
| | | | PF-B | PERFECT PARTICIPLE | 1 2V | COME |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,HAV-1 | PR | 01000 | | SENTENCE | 2VX | HAS |
| | | | CC- | THERE, HERE | 1 2D | THERE |
| | | | PH-B | PERF PARTICIPLE VI | 1 2V | BEEN |
| | | | 1X-A | SUBJECT | 1 2S | (GOOD) NEWS |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,HVG-0 | GS | 00000 | | SENTENCE | 1SGX | HAVING |
| | | | IF-E | TO-INFINITIVE | 2 1SGR | TO |
| | | | | | (1SG) | WORK |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | INEVITABLE |
| | | | PD- | PERIOD | 0 1. | . |
| SE,HVG-1 | GS | 00000 | | SENTENCE | 1SGX | HAVING |
| | | | IF-E | TO-INFINITIVE | 2 1SGR | TO |
| | | | | | (1SG) | WORK |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | GR-A | GERUND | 1 1SG | ENJOYING |
| | | | | | (1SO) | IT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (A) NECESSITY |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,HVP-0 | PV | 00000 | | SENTENCE | | PMX | HAVING |
| | | | PF-C | PERFECT PARTICIPLE | 1 | PM | FINISHED |
| | | | | | ( | PO) | (HIS) WORK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | FEELING |
| | | | | | ( | PC) | HAPPY |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | WENT (HOME) |
| | | | | | | (1.) | . |
| SE,HVP-1 | PV | 00000 | | SENTENCE | | PMX | HAVING |
| | | | IF-C | TO-INFINITIVE | 2 | PMR | TO |
| | | | | | ( | PM) | WORK (HARD) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | FEELING |
| | | | | | ( | PC) | UNHAPPY |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | LEFT |
| SE,IAD-0 | SV | 00000 | | SENTENCE | | 2SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 2S | SIDE |
| | | | VZ-B | PREDICATE | 1 | 2V | WON |
| | | | QU- | QUESTION MARK | 0 | 2= | ■ |
| SE,IAD-1 | CV | 00000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | UZ-B | AUXILIARY VERB | 1 | 2VX | WILL |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | BY-A | INFINITE COPULA | 1 | 2VSA | BE |
| | | | QU- | QUESTION MARK | 0 | 2= | ■ |
| SE,IAD-2 | CV | 00000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | EZ-B | BE2 (COPULA) | 1 | 2V | IS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | QU- | QUESTION MARK | 0 | 2= | ■ |
| SE,IAD-3 | CV | C0000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 | 2VX | HAS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | PI-A | PERF PART COPULA | 1 | 2V | BECOME |
| | | | QU- | QUESTION MARK | 0 | 2= | ■ |
| SE,IAD-4 | CV | C000C | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | FZ-B | BE3 (AUXILIARY) | 1 | 2VX | IS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | II-A | TO-INFIN COPULA | 1 | 2VR | TO |
| | | | | | | (2V) | BECOME |
| | | | CU- | QUESTION MARK | 0 | 2= | ■ |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,HVP-0 | PV | 00000 | | SENTENCE | | PMX | HAVING |
| | | | PF-C | PERFECT PARTICIPLE | 1 | PM | FINISHED |
| | | | | | ( | PO) | (HIS) WORK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | FEELING |
| | | | | | ( | PC) | HAPPY |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | WENT (HOME) |
| | | | | | | (1.) | . |
| SE,HVP-1 | PV | 00000 | | SENTENCE | | PMX | HAVING |
| | | | IF-C | TO-INFINITIVE | 2 | PMR | TO |
| | | | | | ( | PM) | WORK (HARD) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | FEELING |
| | | | | | ( | PC) | UNHAPPY |
| | | | CN-O | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | LEFT |
| SE,IAD-0 | SV | 00000 | | SENTENCE | | 2SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 2S | SIDE |
| | | | VZ-B | PREDICATE | 1 | 2V | WON |
| | | | QU- | QUESTION MARK | 0 | 2= | = |
| SE,IAD-1 | CV | 00000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | UZ-B | AUXILIARY VERB | 1 | 2VX | WILL |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | BY-A | INFINITE COPULA | 1 | 2VSA | BE |
| | | | QU- | QUESTION MARK | 0 | 2= | = |
| SE,IAD-2 | CV | 00000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | EZ-B | BE2 (COPULA) | 1 | 2V | IS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | QU- | QUESTION MARK | 0 | 2= | = |
| SE,IAD-3 | CV | C0000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 | 2VX | HAS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | PI-A | PERF PART COPULA | 1 | 2V | BECOME |
| | | | QU- | QUESTION MARK | 0 | 2= | = |
| SE,IAD-4 | CV | C0000 | | SENTENCE | | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 | 2C | PROPERTY |
| | | | FZ-B | BE3 (AUXILIARY) | 1 | 2VX | IS |
| | | | 1Z-A | SUBJECT | 1 | 2S | IT |
| | | | II-A | TO-INFIN COPULA | 1 | 2VR | TO |
| | | | | | | (2V) | BECOME |
| | | | CU- | QUESTION MARK | 0 | 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IAD-5 | CV | 00000 | | SENTENCE | 2CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 1 2C | PROPERTY |
| | | | FZ-B | BE3 (AUXILIARY) | 1 2VX | IS |
| | | | 1Z-A | SUBJECT | 1 2S | IT |
| | | | RS-A | PRES PART COPULA | 1 2V | BECOMING |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,IAD-6 | OV | 00000 | | SENTENCE | 20A | WHOSE |
| | | | N5-A | MODIFIED OBJECT | 1 20 | FATHER |
| | | | UZ-B | AUXILIARY VERB | 1 2VX | DID |
| | | | 1Z-A | SUBJECT | 1 2S | YOU |
| | | | BW-A | INF VERB WITH NO OBJ | 1 2V | SEE |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,IAD-7 | OV | 00000 | | SENTENCE | 20A | WHOSE |
| | | | N5-A | MODIFIED OBJECT | 1 20 | FATHER |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 2VX | HAVE |
| | | | 1Z-A | SUBJECT | 1 2S | YOU |
| | | | PG-A | PERF PART WITH NO OBJ | 1 2V | SEEN |
| | | | QU- | QUESTION MARK | 0 2= | = |
| SE,IAD-8 | OV | 00000 | | SENTENCE | 20A | WHAT |
| | | | N5-A | MODIFIED OBJECT | 1 20 | BOOK |
| | | | FZ-B | BE3 (AUXILIARY) | 1 2VX | ARE |
| | | | 1Z-A | SUBJECT | 1 2S | YOU |
| | | | PB-A | PART WITH NO OBJ | 1 2V | READING |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,IAD-9 | OV | 00000 | | SENTENCE | 20A | WHAT |
| | | | N5-A | MODIFIED OBJECT | 1 20 | BOOK |
| | | | FZ-B | BE3 (AUXILIARY) | 1 2VX | ARE |
| | | | 1Z-A | SUBJECT | 1 2S | YOU |
| | | | IG-A | TO-INFIN WITH NO OBJ | 1 2VR (2V) | TO READ |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,IAD-A | SV | 00000 | | SENTENCE | 14SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 2 14S | SIDE |
| | | | VZ-C | PREDICATE | 2 14V | WILL WIN |
| | | | VS-A | PREDICATE | 1 1V (1C) | IS (A) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IAD-B | SV | C0000 | | SENTENCE | 14SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 2 14S | SIDE |
| | | | VZ-C | PREDICATE | 2 14V | WILL WIN |
| | | | CM-W | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14SA (14S) (14V) | WHICH SIDE WILL LOSE |
| | | | VC-A | PREDICATE | 1 1V (1C) | IS (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IAD-C | CV | 00000 | | SENTENCE | 14CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 2 14C | IDEA |
| | | | 1Z-A | SUBJECT | 2 14S | IT |
| | | | CZ-C | COPULA | 2 14V | IS |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| | | | | | | |
| SE,IAD-D | CV | 00000 | | SENTENCE | 14CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 2 14C | IDEA |
| | | | 1Z-A | SUBJECT | 2 14S | IT |
| | | | CZ-C | COPULA | 2 14V | WAS |
| | | | CM-W | COMMA,ANC,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14S | WHO |
| | | | | | (14V) | STOLE |
| | | | | | (14O) | IT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| | | | | | | |
| SE,IAD-E | OV | 00000 | | SENTENCE | 14OA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 14O | BOOK |
| | | | 1Z-A | SUBJECT | 2 14S | YOU |
| | | | WZ-C | PREDICATE WITH NO OBJ | 2 14V | WILL READ (FIRST) |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | OBVIOUS |
| | | | PD- | PERIOD | 0 1. | . |
| | | | | | | |
| SE,IAD-F | OV | 00000 | | SENTENCE | 14OA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 14O | BOOKS |
| | | | 1Z-A | SUBJECT | 2 14S | YOU |
| | | | WZ-C | PREDICATE WITH NO OBJ | 2 14V | WILL READ |
| | | | CM-W | COMMA,ANC,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14OA | WHAT |
| | | | | | (14O) | BOOKS |
| | | | | | (14S) | YOU |
| | | | | | (14V) | WILL ENJOY |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| | | | | | | |
| SE,IAD-G | CV | 00C0C | | SENTENCE | 1SOA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 1SO | BOOK |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 1SVR | TO |
| | | | | | (1SV) | READ |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | OBVICUS |
| | | | PD- | PERIOD | C 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IAD-H | OV | 00000 | | SENTENCE | 1SOA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 1SO | IDEA |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 1SVR | TO |
| | | | | | (1SV) | ADOPT |
| | | | CM-A | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 1SO | WHAT |
| | | | | | (1SVR) | TO |
| | | | | | (1SV) | REJECT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IAV-0 | AD | 00000 | | SENTENCE | 2D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 2+ | AND |
| | | | ID- | INTERROG ADVERB | 1 2D | WHERE |
| | | | UZ-B | AUXILIARY VERB | 1 2VX | DID |
| | | | 1Z-A | SUBJECT | 1 2S | HE |
| | | | BV-A | INFINITE VERB | 1 2V | GO |
| | | | GU- | QUESTION MARK | 0 2= | = |
| SE,IAV-1 | AD | 00000 | | SENTENCE | 2D | WHY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 2+ | AND |
| | | | ID- | INTERROG ADVERB | 1 2D | HOW |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 2VX | HAS |
| | | | 1Z-A | SUBJECT | 1 2S | HE |
| | | | PF-A | PERFECT PARTICIPLE | 1 2V | COME |
| | | | GU- | QUESTION MARK | 0 2= | = |
| SE,IAV-2 | AD | 00000 | | SENTENCE | 2D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 2+ | AND |
| | | | ID- | INTERROG ADVERB | 1 2D | WHERE |
| | | | FZ-B | BE3 (AUXILIARY) | 1 2VX | IS |
| | | | 1Z-A | SUBJECT | 1 2S | HE |
| | | | PA-A | PARTICIPLE | 1 2V | GOING |
| | | | GU- | QUESTION MARK | 0 2= | = |
| SE,IAV-3 | AD | 00000 | | SENTENCE | 2D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 2+ | AND |
| | | | ID- | INTERROG ADVERB | 1 2D | WHERE |
| | | | FZ-B | BE3 (AUXILIARY) | 1 2VX | IS |
| | | | 1Z-A | SUBJECT | 1 2S | HE |
| | | | IF-A | TO-INFINITIVE | 1 2VR | TO |
| | | | | | (2V) | GO |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,IAV-4 | AD | 00000 | | SENTENCE | 14D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | ID- | INTERROG ADVERB | 2 14D | WHERE |
| | | | 1Z-A | SUBJECT | 2 14S | HE |
| | | | VZ-C | PREDICATE | 2 14V | GOES |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | UNKNOWN |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IAV-5 | AD | 00000 | | SENTENCE | 14D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 2 14+ | AND |
| | | | ID- | INTERROG ADVERB | 2 14D | WHERE |
| | | | IZ-A | SUBJECT | 2 14S | HE |
| | | | VZ-C | PREDICATE | 2 14V | GOES |
| | | | CM-W | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14S | WHO |
| | | | | | (14V) | REPLACES |
| | | | | | (14D) | HIM |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | UNKNOWN |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IAV-6 | AD | 00000 | | SENTENCE | 1SD | WHEN |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 2 1S+ | AND |
| | | | ID- | INTERROG ADVERB | 2 1SD | HOW |
| | | | IF-I | TO-INFINITIVE | 1 1SVR | TO |
| | | | | | (1SV) | START |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | UNKNOWN |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IAV-7 | AD | 00000 | | SENTENCE | 1SD | WHEN |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 2 1S+ | AND |
| | | | ID- | INTERROG ADVERB | 2 1SD | WHERE |
| | | | IF-I | TO-INFINITIVE | 1 1SVR | TO |
| | | | | | (1SV) | START |
| | | | CM-A | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 1SD | WHEN |
| | | | | | (1SVR) | TO |
| | | | | | (1SV) | STOP |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | UNKNOWN |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IAV-8 | AD | C0000 | | SENTENCE | 2D | WHERE |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 2VX | HAVE |
| | | | IZ-A | SUBJECT | 1 2S | YOU |
| | | | PJ-A | PERF PART BE1 | 1 2V | BEEN |
| | | | CU- | QUESTION MARK | 0 2= | = |
| SE,II1-0 | IV | 00C0C | | SENTENCE | 3V | COME |
| | | | PD- | PERIOD | 0 3. | . |
| SE,II1-1 | IV | 00C00 | | SENTENCE | 3V | COME |
| | | | PA-C | PARTICIPLE | 2 3VPM | RUNNING |
| | | | PD- | PERIOD | 0 3. | . |
| SE,II2-0 | IV | 00C00 | | SENTENCE | 3V | FEEL |
| | | | AI-B | ADJECTIVE | 1 3C | CONFIDENT |
| | | | PD- | PERIOD | 0 3. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,I12-1 | IV | 00000 | | SENTENCE | | 3V | BECOME |
| | | | N3-B | NOUN COMPLEMENT | 1 | 3C | (A) HUMANIST |
| | | | PD- | PERIOD | 0 | 3. | . |
| SE,I13-0 | IV | 00000 | | SENTENCE | | 3V | APPLY |
| | | | DP- | PREPOSITIONAL PHR | 2 | 3VPR (3VPO) | FOR (THIS) JOB |
| | | | PD- | PERIOD | 0 | 3. | . |
| SE,IPN-0 | SV | 00000 | | SENTENCE | | 2S | WHO |
| | | | ZC-A | (A,B,) AND (C) (DROP) | 1 | 2+ | AND |
| | | | IN- | INTERROG PRN SUBJECT | 1 | 2SA (2S) | WHICH FRIEND (OF YOURS) |
| | | | VC-A | PREDICATE | 1 | 2V | CAME |
| | | | GU- | QUESTION MARK | 0 | 2= | = |
| SE,IPN-1 | CV | 00000 | | SENTENCE | | 2C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 1 | 2+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 1 | 2C | WHAT |
| | | | EZ-B | BE2 (COPULA) | 1 | 2V | IS |
| | | | IZ-A | SUBJECT | 1 | 2S | HE |
| | | | GU- | QUESTION MARK | 0 | 2= | = |
| SE,IPN-2 | CV | 00000 | | SENTENCE | | 2C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 1 | 2+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 1 | 2C | WHAT |
| | | | UZ-B | AUXILIARY VERB | 1 | 2VX | WILL |
| | | | IZ-A | SUBJECT | 1 | 2S | HE |
| | | | BY-A | INFINITE COPULA | 1 | 2V | BE |
| | | | GU- | QUESTION MARK | 0 | 2= | = |
| SE,IPN-3 | CV | 00000 | | SENTENCE | | 2C | WHAT |
| | | | HZ-B | HAV3 (TENSE AUX) | 1 | 2VX | HAVE |
| | | | IZ-A | SUBJECT | 1 | 2S | YOU |
| | | | PI-A | PERF PART COPULA | 1 | 2V | BEEN |
| | | | GU- | QUESTION MARK | 0 | 2= | = |
| SE,IPN-4 | CV | 00000 | | SENTENCE | | 2C | WHAT |
| | | | FZ-B | BE3 (AUXILIARY) | 1 | 2VX | IS |
| | | | IZ-A | SUBJECT | 1 | 2S | HE |
| | | | II-A | TO-INFIN COPULA | 1 | 2VR (2V) | TO BECOME |
| | | | GU- | QUESTION MARK | 0 | 2= | = |
| SE,IPN-5 | CV | 00000 | | SENTENCE | | 2C | WHAT |
| | | | FZ-B | BE3 (AUXILIARY) | 1 | 2VX | IS |
| | | | IZ-A | SUBJECT | 1 | 2S | HE |
| | | | RS-A | PRES PART COPULA | 1 | 2V | BECOMING |
| | | | GU- | QUESTION MARK | 0 | 2= | = |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IPN-6 | SV | 00000 | | SENTENCE | 14S | WHO |
| | | | ZC-A | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | IN- | INTERROG PRN SUBJECT | 2 14SA | WHICH |
| | | | | | (14S) | FRIEND (OF YOURS) |
| | | | VC-C | PREDICATE | 2 14V | CAME |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) QUESTION |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPN-7 | CV | 00000 | | SENTENCE | 14C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 2 14C | WHAT |
| | | | 1Z-A | SUBJECT | 2 14S | HE |
| | | | CZ-C | COPULA | 2 14V | IS |
| | | | VS-A | PREDICATE | 1 1V | DOES(NOT)MATTER |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPN-8 | SV | 00000 | | SENTENCE | 14S | WHO |
| | | | ZC-A | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | IN- | INTERROG PRN SUBJECT | 2 14SA | WHICH |
| | | | | | (14S) | FRIEND (OF YOURS) |
| | | | VC-C | PREDICATE | 2 14V | CAME |
| | | | CM-W | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14O | WHAT |
| | | | | | (14S) | THEY |
| | | | | | (14V) | DID |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPN-9 | CV | 00000 | | SENTENCE | 14C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 2 14C | WHAT |
| | | | 1Z-A | SUBJECT | 2 14S | HE |
| | | | CZ-C | COPULA | 2 14V | IS |
| | | | CM-W | COMMA,ANC,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 14O | WHERE |
| | | | | | (14S) | HE |
| | | | | | (14V) | LIVES |
| | | | VC-A | PREDICATE | 1 1V | DOES(NOT)MATTER |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPO-0 | CV | 00000 | | SENTENCE | 20 | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 1 2+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 1 20 | WHOM |
| | | | UZ-B | AUXILIARY VERB | 1 2VX | DID |
| | | | 1Z-A | SUBJECT | 1 2S | YOU |
| | | | BW-A | INF VERB WITH NO OBJ | 1 2V | SEE |
| | | | QU- | QUESTION MARK | 0 2* | * |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IPO-1 | OV | 00000 |  | SENTENCE | 20 | WHAT |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 1 2+ | AND |
|  |  |  | IO- | INTERROGATIVE PRN ACC | 1 2O | WHOM |
|  |  |  | HZ-B | HAV3 (TENSE AUX) | 1 2VX | HAVE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | PG-A | PERF PART WITH NO OBJ | 1 2V | SEEN |
|  |  |  | GU- | QUESTION MARK | 0 2= | = |
| SE,IPO-2 | OV | 00000 |  | SENTENCE | 20 | WHAT |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 1 2+ | AND |
|  |  |  | IO- | INTERROGATIVE PRN ACC | 1 2O | WHOM |
|  |  |  | FZ-B | BE3 (AUXILIARY) | 1 2VX | ARE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | PB-A | PART WITH NO OBJ | 1 2V | WATCHING |
|  |  |  | GU- | QUESTION MARK | 0 2= | = |
| SE,IPO-3 | OV | 00000 |  | SENTENCE | 20 | WHAT |
|  |  |  | ZC-B | (A,B,) AND (C) (DROP) | 1 2+ | AND |
|  |  |  | IO- | INTERROGATIVE PRN ACC | 1 2O | WHOM |
|  |  |  | FZ-B | BE3 (AUXILIARY) | 1 2VX | ARE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | IG-A | TO-INFIN WITH NO OBJ | 1 2VR (2V) | TO WATCH |
|  |  |  | GU- | QUESTION MARK | 0 2= | = |
| SE,IPO-4 | OV | 00000 |  | SENTENCE | 2CPO | WHAT |
|  |  |  | EZ-B | BE2 (COPULA) | 1 2V | ARE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | AI-A | ADJECTIVE | 1 2C | CAPABLE |
|  |  |  | DQ- | PREPOSITION | 2 2CPR | OF |
|  |  |  | GU- | QUESTION MARK | 0 2= | = |
| SE,IPO-5 | CV | 00000 |  | SENTENCE | 2CDO | WHAT |
|  |  |  | EZ-B | BE2 (COPULA) | 1 2V | ARE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | AI-A | ADJECTIVE | 1 2C | ABLE |
|  |  |  | IG-M | TO-INFIN WITH NO OBJ | 2 2CDVR (2CDV) | TO DO |
|  |  |  | GU- | QUESTION MARK | 0 2= | = |
| SE,IPO-6 | OV | 00000 |  | SENTENCE | 2CPO | WHAT |
|  |  |  | EZ-B | BE2 (COPULA) | 1 2V | ARE |
|  |  |  | 1Z-A | SUBJECT | 1 2S | YOU |
|  |  |  | N3-A | NOUN COMPLEMENT | 1 2C | (AN) INSTRUCTOR |
|  |  |  | DQ- | PREPOSITION | 2 2CPR | OF |
|  |  |  | QU- | QUESTION MARK | 0 2= | = |
| SE,IPO-7 | OV | 00000 |  | SENTENCE | 140 | WHAT |
|  |  |  | ZC-H | (A,B,) AND (C) (DROP) | 2 14+ | AND |
|  |  |  | IO- | INTERROGATIVE PRN ACC | 2 140 | WHOM |
|  |  |  | SF-C | DECLAR CL WITH NO OBJ | 2 14S (14V) | YOU WATCH |
|  |  |  | VS-A | PREDICATE | 1 1V (1C) | IS IMPORTANT |
|  |  |  | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IPO-8 | OV | 00000 | | SENTENCE | 140 | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 14+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 140 | WHOM |
| | | | SF-C | DECLAR CL WITH NO OBJ | 2 14S | YOU |
| | | | | | (14V) | WATCH |
| | | | CM-W | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 140 | WHAT |
| | | | | | (14S) | YOU |
| | | | | | (14V) | REPORT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPO-9 | OV | 00000 | | SENTENCE | 1SO | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 1S+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 1SO | WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 1SVR | TO |
| | | | | | (1SV) | WATCH |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IPO-A | OV | 00000 | | SENTENCE | 1SO | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 1S+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 1SO | WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 1SVR | TO |
| | | | | | (1SV) | WATCH |
| | | | CM-A | COMMA,AND,OR | 1 1+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 1SO | WHAT |
| | | | | | (1SVR) | TO |
| | | | | | (1SV) | REPORT |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | (THE) SECRET |
| | | | PD- | PERIOD | 0 1. | . |
| SE,IT1-0 | IV | 00000 | | SENTENCE | 3V | STUDY |
| | | | N2-B | OBJECT | 1 30 | MATHEMATICS |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT1-1 | IV | 00000 | | SENTENCE | 3V | SPEAK |
| | | | XC-L | (A,B,) AND (C) | 1 3+ | AND |
| | | | B1-B | INFINITE VT1 | 1 3V | WRITE |
| | | | | | (30) | FRENCH |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT2-0 | IV | 00000 | | SENTENCE | 3V | GIVE |
| | | | NQ-B | NOUN OBJECT | 1 30 | ME |
| | | | N2-B | OBJECT | 1 30 | (A) CHANCE |
| | | | PD- | PERIOD | 0 3. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IT3-0 | IV | 00000 | | SENTENCE | 3V | MAKE |
| | | | NQ-B | NOUN OBJECT | 1 30 | HIM |
| | | | AI-B | ADJECTIVE | 1 3C | HAPPY |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT3-1 | IV | 00C00 | | SENTENCE | 3V | MAKE |
| | | | AI-B | ADJECTIVE | 1 3C | HAPPY |
| | | | AR-C | ARTICLE | 1 30A | THESE |
| | | | N5-B | MODIFIED OBJECT | 1 30 | PEOPLE (WHO ARE..) |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT3-2 | IV | 00000 | | SENTENCE | 3V | APPOINT |
| | | | NQ-B | NOUN OBJECT | 1 30 | HIM |
| | | | N3-B | NOUN COMPLEMENT | 1 3C | PRESIDENT |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT4-0 | IV | 00C00 | | SENTENCE | 3V | LET |
| | | | NQ-B | NOUN OBJECT | 1 30 | ME |
| | | | BV-Q | INFINITE VERB | 1 3CV | GO |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT5-0 | IV | 0000C | | SENTENCE | 3V | HEAR |
| | | | NQ-B | NOUN OBJECT | 1 30 | (THE) BELL |
| | | | PA-Q | PARTICIPLE | 1 3CM | RINGING |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT6-0 | IV | 00000 | | SENTENCE | 3V | SUPPOSE |
| | | | NC-D | NOUN CLAUSE | 1 35R | THAT |
| | | | | | (35S) | X |
| | | | | | (35V) | IS |
| | | | | | (35C) | (AN) INTEGER |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT6-1 | IV | 00000 | | SENTENCE | 3V | SUPPOSE |
| | | | SG-D | DECLARATIVE CLAUSE | 1 35S | X |
| | | | | | (3V) | IS |
| | | | | | (3C) | (AN) INTEGER |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 3+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 35R | THAT |
| | | | | | (35S) | Y |
| | | | | | (35V) | IS |
| | | | | | (35C) | (A)FUNCTION (OF X) |
| | | | PD- | PERIOD | 0 3. | . |
| SE,IT7-0 | IV | 00C00 | | SENTENCE | 3V | TELL |
| | | | NQ-B | NOUN OBJECT | 1 30 | HIM |
| | | | NC-D | NOUN CLAUSE | 1 35R | THAT |
| | | | | | (35S) | HE |
| | | | | | (35V) | IS |
| | | | | | (35C) | WRONG |
| | | | PD- | PERIOD | 0 3. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,IT7-1 | IV | 00000 | | SENTENCE | 3V | TELL |
| | | | NQ-B | NOUN OBJECT | 1 30 | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 1 35S | HE |
| | | | | | (35V) | IS |
| | | | | | (35C) | WRONG |
| | | | ZM-W | COMMA,AND,OR (DROP) | 1 3+ | AND |
| | | | NC-D | NOUN CLAUSE | 1 35R | THAT |
| | | | | | (35S) | I |
| | | | | | (35V) | AM |
| | | | | | (35C) | RIGHT |
| | | | PD- | PERIOD | 0 3. | . |
| SE,NAD-0 | AP | 00000 | | SENTENCE | E | DAY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | DN- | ADVERBIAL NOUN PHR | 1 E | NIGHT |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | AM THINKING (OF YOU) |
| | | | | | (1.) | . |
| SE,NNN-0 | SV | 01000 | | SENTENCE | 1S | GARBAGE |
| | | | VX-A | PREDICATE | 1 1V | SMELLS |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NNN-1 | SV | 01000 | | SENTENCE | 1S | WOMEN |
| | | | AP- | POST-POSITIONAL ADJ | 2 1SA | ACTIVE (IN CLUBS) |
| | | | VX-A | PREDICATE | 1 1V | ARE |
| | | | | | (1C) | BUSY |
| | | | PD- | PERICD | 0 1. | . |
| SE,NNN-2 | SV | 01000 | | SENTENCE | 1S | GARBAGE |
| | | | AC- | ADJECTIVE CLAUSE | 2 1S7S | THAT |
| | | | | | (1S7V) | IS |
| | | | | | (1S7C) | OLD |
| | | | VX-A | PREDICATE | 1 1V | SMELLS |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NNN-3 | SV | 00000 | | SENTENCE | 1S | MARY |
| | | | XD-A | (A) AND (B) | 1 1+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 1S | TOM |
| | | | VC-A | PREDICATE | 1 1V | CAME (OFTEN) |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NNN-4 | SV | 00000 | | SENTENCE | 1S | MARY |
| | | | CN-A | COMMA | 1 1, | , |
| | | | MC-A | NOUN SUBJECT | 1 1S | TOM |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 1S | JUNE |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,NNN-5 | SV | 01000 | | SENTENCE | 1S | MARY |
| | | | CN-A | COMMA | 1 1, | , |
| | | | 1C-A | SUBJECT | 1 1S | (MY) CLASSMATE |
| | | | CN-A | COMMA | 1 1, | , |
| | | | VX-A | PREDICATE | 1 1V | DIED |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NNN-6 | SP | 00000 | | SENTENCE | PS | DOCTORS |
| | | | ZD-A | (A) AND (B) (DROP) | 1 P+ | AND |
| | | | MC-B | NOUN SUBJECT | 1 PS | DENTISTS |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | SCARCE |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (MANY) OFFERS |
| | | | | | (1V) | ARE GIVEN |
| | | | | | (1O) | THEM |
| | | | | | (1.) | . |
| SE,NNN-7 | SP | 00000 | | SENTENCE | PS | DOCTORS |
| | | | CN-A | COMMA | 2 P, | , |
| | | | MC-B | NOUN SUBJECT | 2 PS | DENTISTS |
| | | | XC-A | (A,B,) AND (C) | 2 P, | AND |
| | | | MC-B | NOUN SUBJECT | 2 PS | NURSES |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | SCARCE |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (MANY) OFFERS |
| | | | | | (1V) | ARE GIVEN |
| | | | | | (1O) | THEM |
| | | | | | (1.) | . |
| SE,NNN-8 | SP | 00000 | | SENTENCE | PS | MARY |
| | | | CN-A | COMMA | 2 P, | , |
| | | | 1C-B | SUBJECT | 2 PS | (MY) CLASSMATE |
| | | | CN-A | COMMA | 2 P, | , |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING DIED |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | ARE DEPRESSED |
| | | | | | (1.) | . |
| SE,NO4-0 | SV | 00000 | | SENTENCE | 1S | MORE |
| | | | VC-A | PREDICATE | 1 1V | CAN BE SAID |
| | | | | | | (ABOUT IT) |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NO4-1 | SP | 00000 | | SENTENCE | PS | MORE |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING BEEN SAID |
| | | | | | | (ABOUT IT) |
| | | | CN-0 | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | WOULD(RATHER)KEEP |
| | | | | | (1C) | QUIET |
| | | | | | (1.) | . |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,NOU-0 | SV | 00000 | | SENTENCE | 1SA | STUDENT |
| | | | 7Z-A | SUBJECT MASTER | 1 1S | ASSOCIATIONS |
| | | | VZ-A | PREDICATE | 1 1V | ARE |
| | | | | | (1C) | IMPORTANT |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NOU-1 | SV | 00000 | | SENTENCE | 1SA | COMMUNICATION |
| | | | CN-D | COMMA | 2 1S, | . |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 1SA | ELECTRONIC |
| | | | | | (1S+) | AND |
| | | | | | (1SA) | ASTRONAUTICAL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 1S | COMPANIES |
| | | | VZ-A | PREDICATE | 1 1V | ARE GATHERED |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NOU-2 | SP | 00000 | | SENTENCE | PSA | COMMUNICATION |
| | | | 7C-B | SUBJECT MASTER | 2 PS | COMPANIES |
| | | | PA-C | PARTICIPLE | 1 PM | BEING GATHERED |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) MEETING |
| | | | | | (1V) | IS |
| | | | | | (1C) | (VERY) IMPORTANT |
| | | | | | (1.) | . |
| SE,NOU-3 | SP | 00000 | | SENTENCE | PSA | COMMUNICATION |
| | | | CN-D | COMMA | 3 PS, | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 PSA | ELECTRONIC |
| | | | | | ( PS+) | AND |
| | | | | | ( PSA) | ASTRONAUTICAL |
| | | | 4C-B | MODIFIED SUBJECT | 2 PS | COMPANIES |
| | | | PA-C | PARTICIPLE | 1 PM | BEING GATHERED |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) MEETING |
| | | | | | (1V) | IS |
| | | | | | (1C) | (VERY) IMPORTANT |
| | | | | | (1.) | . |
| SE,NUM-0 | SV | 00000 | | SENTENCE | 1SA | TWO |
| | | | 4Z-A | MODIFIED SUBJECT | 1 1S | BOYS |
| | | | VZ-A | PREDICATE | 1 1V | HAVE FAILED |
| | | | PD- | PERIOD | 0 1. | . |
| SE,NUM-1 | SP | 00C00 | | SENTENCE | PSA | TWO |
| | | | 4C-B | MODIFIED SUBJECT | 2 PS | BOYS |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING FAILED |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) TEACHER |
| | | | | | (1V) | WAS (VERY) UPSET |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,NUM-2 | AP | 00000 | | SENTENCE | EA | TWO |
| | | | CN- | ADVERBIAL NOUN PHR | 1 E | DAYS (AGO) |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | WENT (TO BOSTON) |
| | | | | | (1.) | . |
| SE,PI1-0 | PV | 00000 | | SENTENCE | PM | LAUGHED |
| | | | DQ- | PREPOSITION | 3 PMPR | AT (BY EVERYONE) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING |
| | | | | | ( PO) | NONE (TO HELP HIM) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | IS HUMILIATED |
| | | | | | (1.) | . |
| SE,PI1-1 | SV | 00000 | | SENTENCE | 1V | LAUGHED |
| | | | DQ- | PREPOSITION | 2 1VPR | AT |
| | | | FZ-A | BE3 (AUXILIARY) | 1 1VX | IS |
| | | | 1Z-A | SUBJECT | 1 1S | (A) MAN (WHO IS COWARDLY) |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PI3-0 | PV | 00000 | | SENTENCE | PM | APPLIED |
| | | | CQ- | PREPOSITION | 3 PMPR | FOR (BY FEW MEN) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | ATTRACTING |
| | | | | | ( PO) | NONE (OF THEM) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | (THE) POSITION |
| | | | | | (1V) | IS |
| | | | | | (1C) | (STILL) VACANT |
| | | | | | (1.) | . |
| SE,PI3-1 | SV | C0000 | | SENTENCE | 1V | REFERRED |
| | | | DQ- | PREPOSITION | 2 1VPR | TO (VERY OFTEN) |
| | | | FZ-A | BE3 (AUXILIARY) | 1 1VX | IS |
| | | | 1Z-A | SUBJECT | 1 1S | (THE) WORK (BY HIM) |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PRE-0 | PH | 00000 | | SENTENCE | PR | IN |
| | | | NQ-G | NOUN OBJECT | 2 PO | (THE) OFFICE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | DA- | ADVERB | 1 PR | AT |
| | | | | | ( PO) | HOME |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | WORKS(INCESSANTLY) |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,PRE-1 | PH | 00000 | | SENTENCE | | PR | AFTER |
| | | | GR-B | GERUND | 2 | POG | GETTING (UP) |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | DA- | ADVERB | 1 | PR | BEFORE |
| | | | | | ( | POG) | GOING (TO BED) |
| | | | SE- | SENTENCE | 0 | IS | I |
| | | | | | | (1V) | BRUSH |
| | | | | | | (1O) | (MY) TEETH |
| | | | | | | (1.) | . |
| SE,PRE-2 | PH | 00000 | | SENTENCE | | PR | WITHIN |
| | | | CM-F | COMMA,AND,OR | 2 | P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 1 | PR | OUTSIDE |
| | | | | | ( | PO) | (THE) COUNTRY |
| | | | SE- | SENTENCE | 0 | 1D | THERE |
| | | | | | | (1V) | AROSE |
| | | | | | | (1S) | (VARIOUS) PROBLEMS |
| | | | | | | (1.) | . |
| SE,PRE-3 | PH | 00000 | | SENTENCE | | 1PR | IN |
| | | | NQ-G | NOUN OBJECT | 2 | 1PO | (EACH) CHAPTER |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | 1+ | AND |
| | | | DA- | ADVERB | 1 | 1PR | (ALSO) IN |
| | | | | | | (1PO) | (THE) APPENDIX |
| | | | IZ-A | COMPLETE VI | 1 | 1V | IS INCLUDED |
| | | | MZ-A | NOUN SUBJECT | 1 | 1S | (A) BIBLIOGRAPHY |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,PRE-4 | PH | 00000 | | SENTENCE | | 1PR | IN |
| | | | GR-B | GERUND | 2 | 1POG | EATING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | 1+ | AND |
| | | | DA- | ADVERB | 1 | 1PR | IN |
| | | | | | | (1POG) | SLEEPING |
| | | | IZ-A | COMPLETE VI | 1 | 1V | EXISTS |
| | | | MZ-A | NOUN SUBJECT | 1 | 1S | PLEASURE |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,PRE-5 | PH | 00000 | | SENTENCE | | 1PR | INSIDE |
| | | | CM-F | COMMA,AND,OR | 2 | 1P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 1 | 1PR | OUTSIDE |
| | | | | | | (1PO) | (THE) COUNTRY |
| | | | IZ-A | COMPLETE VI | 1 | 1V | AROSE |
| | | | MZ-A | NOUN SUBJECT | 1 | 1S | (VARIOUS) PROBLEMS |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,PRN-0 | SV | 01000 | | SENTENCE | | 1S | THEY |
| | | | VX-A | PREDICATE | 1 | 1V | GO |
| | | | PD- | PERIOD | 0 | 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,PRN-1 | SV | 01000 | | SENTENCE | 1S | WE |
| | | | AC- | ADJECTIVE CLAUSE | 2 1S7S | WHO |
| | | | . | | (1S7V) | ARE |
| | | | | | (1S7C) | READY (TO DIE) |
| | | | VX-A | PREDICATE | 1 1V | SALUTE |
| | | | | | (1O) | YOU |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PRN-2 | SV | 00000 | | SENTENCE | 1S | THEY |
| | | | XD-A | (A) AND (B) | 1 1+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 1S | JOHN |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PRN-3 | SV | 00000 | | SENTENCE | 1S | THEY |
| | | | CN-A | COMMA | 1 1, | , |
| | | | MC-A | NOUN SUBJECT | 1 1S | JOHN |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 1S | MARY |
| | | | VC-A | PREDICATE | 1 1V | CAME |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PRN-4 | SV | 01000 | | SENTENCE | 1S | WE |
| | | | CN-A | COMMA | 1 1, | , |
| | | | 1C-A | SUBJECT | 1 1S | THE AMERICANS |
| | | | CN-A | COMMA | 1 1, | , |
| | | | VX-A | PREDICATE | 1 1V | LOVE |
| | | | | | (1O) | PEACE |
| | | | PD- | PERIOD | 0 1. | . |
| SE,PRN-5 | SP | 00000 | | SENTENCE | PS | THEY |
| | | | ZD-A | (A) AND (B) (DROP) | 2 P+ | AND |
| | | | MC-B | NOUN SUBJECT | 2 PS | JOHN |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING DONE |
| | | | | | ( PO) | (THE RIGHT) THING |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | CAN TRUST |
| | | | | | (1O) | THEM |
| | | | | | (1.) | . |
| SE,PRN-6 | SP | 00000 | | SENTENCE | PS | THEY |
| | | | CN-A | COMMA | 2 P, | , |
| | | | MC-B | NOUN SUBJECT | 2 PS | JOHN |
| | | | XC-A | (A,B,) AND (C) | 2 P+ | AND |
| | | | MC-B | NOUN SUBJECT | 2 PS | MARY |
| | | | PA-C | PARTICIPLE | 1 PM | HAVING DONE |
| | | | | | ( PO) | (THE RIGHT) THING |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | CAN TRUST |
| | | | | | (1O) | THEM |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,PRN-7 | SP | 00000 | | SENTENCE | | PS | THEY |
| | | | CN-A | COMMA | 2 | P, | , |
| | | | 1C-B | SUBJECT | 2 | PS | (THE) RUSSIANS |
| | | | CN-A | COMMA | 2 | P, | , |
| | | | PA-C | PARTICIPLE | 1 | PM | HAVING SAID |
| | | | | | | ( PO) | NO |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | WE |
| | | | | | | (1V) | TOOK |
| | | | | | | (10) | (A DECISIVE)STEP |
| | | | | | | (1.) | . |
| SE,PT1-0 | SV | 00000 | | SENTENCE | | 1SA | WOUNDED |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | 1S | SOLDIERS |
| | | | VZ-A | PREDICATE | 1 | 1V | ARE |
| | | | | | | (1C) | MISERABLE |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,PT1-1 | SV | 00000 | | SENTENCE | | 1V | ATTACHED (TO THE TEXT) |
| | | | FZ-A | BE3 (AUXILIARY) | 1 | 1VX | IS |
| | | | 1Z-A | SUBJECT | 1 | 1S | (A) BIBLIOGRAPHY |
| | | | PD- | PERIOD | 0 | 1. | . |
| SE,PT1-2 | SP | 00000 | | SENTENCE | | PSA | WOUNDED |
| | | | 4C-B | MODIFIED SUBJECT | 2 | PS | SOLDIERS |
| | | | PA-C | PARTICIPLE | 1 | PM | DYING (OF PAIN) |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | (THE) DOCTORS |
| | | | | | | (1V) | ARE HELPING |
| | | | | | | (10) | THEM |
| | | | | | | (1.) | . |
| SE,PT1-3 | PV | 00000 | | SENTENCE | | PM | WOUNDED |
| | | | 2C-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | BLEEDING |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | STARTED |
| | | | | | | (10G) | CRYING |
| | | | | | | (1.) | . |
| SE,PT2-0 | PV | 00000 | | SENTENCE | | PM | GIVEN |
| | | | N2-C | OBJECT | 2 | PO | (THE) BOOK |
| | | | 2C-M | (A,B,) AND (C) (DRCP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | SATISFIED |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | (THE) MAN |
| | | | | | | (1V) | LEFT |
| | | | | | | (10) | (THE) LIBRARY |
| | | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,PT3-0 | PV | 00000 | | SENTENCE | | PM | MADE |
| | | | AI-C | ADJECTIVE | 2 | PC | HAPPY (BY IT) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | THANKING |
| | | | | | ( | PO) | HE |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | WENT (AWAY) |
| | | | | | | (1.) | . |
| SE,PT3-1 | PV | 00000 | | SENTENCE | | PM | APPOINTED |
| | | | N3-C | NOUN COMPLEMENT | 2 | PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | GIVEN |
| | | | | | ( | PO) | (MORE) AUTHORITY |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | TOOK |
| | | | | | | (10) | (A DECISIVE) STEP |
| | | | | | | (1.) | . |
| SE,PT4-0 | PV | 00000 | | SENTENCE | | PM | MADE |
| | | | IF-R | TO-INFINITIVE | 2 | PCVR | TO |
| | | | | | ( | PCV) | WORK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | OVERWORKING |
| | | | | | ( | PO) | HIMSELF |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | BECAME |
| | | | | | | (1C) | SICK |
| | | | | | | (1.) | . |
| SE,PT5-0 | PV | 00000 | | SENTENCE | | PM | FOUND |
| | | | PA-R | PARTICIPLE | 2 | PCM | CRYING |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | IDENTIFIED |
| | | | | | | | (AS THE LOST BOY) |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | WAS TAKEN (HOME) |
| | | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,PT7-0 | PV | 00000 | | SENTENCE | PM | TOLD |
| | | | NC-D | NOUN CLAUSE | 2 PSR | THAT |
| | | | | | ( PSS) | A |
| | | | | | ( PSV) | IS |
| | | | | | ( PSC) | B |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | GETTING |
| | | | | | ( PO) | (THE) CLUE |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | (SOON) SOLVED |
| | | | | | (10) | (THE) PROBLEM |
| | | | | | (1.) | . |
| SE,PT7-1 | PV | 00000 | | SENTENCE | PM | TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 2 PSS | A |
| | | | | | ( PSV) | IS |
| | | | | | ( PSC) | B |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 P, | , |
| | | | NC-D | NOUN CLAUSE | 2 PSR | THAT |
| | | | | | ( PSS) | C |
| | | | | | ( PSV) | IS |
| | | | | | ( PSC) | D |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | GETTING |
| | | | | | ( PO) | (THE) CLUE |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | (SOON) SOLVED |
| | | | | | (10) | (THE) PROBLEM |
| | | | | | (1.) | . |
| SE,RI1-0 | SV | 00000 | | SENTENCE | 1SA | TALKING |
| | | | 4Z-A | MODIFIED SUBJECT | 1 1S | PARROTS |
| | | | VZ-A | PREDICATE | 1 1V | ARE |
| | | | | | (1VD) | HERE |
| | | | PD- | PERIOD | 0 1. | . |
| SE,RI1-1 | SP | 00000 | | SENTENCE | PSA | TALKING |
| | | | 4C-B | MODIFIED SUBJECT | 2 PS | PARROTS |
| | | | PA-C | PARTICIPLE | 1 PM | SPEAKING |
| | | | | | ( PO) | ENGLISH |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | WERE AMUSED |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,RI1-2 | PV | 00000 | | SENTENCE | PM | ARRIVING (HOME) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 PM | OPENING |
| | | | | | ( PO) | (THE) DOOR |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | FOUND |
| | | | | | (1O) | (THE) HOUSE |
| | | | | | (1C) | EMPTY |
| | | | | | (1.) | . |
| SE,RI2-0 | PV | 00000 | | SENTENCE | PM | BECOMING |
| | | | AI-C | ADJECTIVE | 2 PC | SICK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 PM | FEELING |
| | | | | | ( PC) | WEAK |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | WENT (HOME) |
| | | | | | (1.) | . |
| SE,RI2-1 | PV | 00000 | | SENTENCE | PM | BECOMING |
| | | | N3-C | NOUN COMPLEMENT | 2 PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 PM | GIVEN |
| | | | | | ( PO) | (MORE) AUTHORITY |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | REFORMED |
| | | | | | (1O) | (THE) COMPANY |
| | | | | | (1.) | . |
| SE,RI3-0 | PV | 00000 | | SENTENCE | PM | APPLYING |
| | | | DP- | PREPOSITIONAL PHR | 3 PMPR | FOR |
| | | | | | ( PMPO) | (THE) JOB |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 PM | EXHIBITING |
| | | | | | ( PO) | (HIS) ABILITY |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | GOT |
| | | | | | (1O) | IT |
| | | | | | (1.) | . |
| SE,RT1-0 | PV | 00C00 | | SENTENCE | PM | LOSING |
| | | | N2-C | OBJECT | 2 PO | (THE) MONEY |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 ✦ | AND |
| | | | PA-C | PARTICIPLE | 1 PM | SCOLDED (BY ME) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | JOHN |
| | | | | | (1V) | WAS UPSET |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,RT2-0 | PV | 00000 | | SENTENCE | PM | GIVING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | N2-C | OBJECT | 2 PO | (A) TEST |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | FINDING |
| | | | | | ( PO) | (HIS) ABILITIES |
| | | | CN-O | COMMA | 1 , | . |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | ACCEPTED |
| | | | | | (1O) | HIM |
| | | | | | (1.) | . |
| SE,RT3-0 | PV | 00000 | | SENTENCE | PM | APPOINTING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | N3-C | NOUN COMPLEMENT | 2 PC | PRESIDENT |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | RETIRED |
| | | | | | (1.) | . |
| SE,RT3-1 | PV | 00000 | | SENTENCE | PM | FINDING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | AI-C | ADJECTIVE | 2 PC | SICK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | BEING UPSET |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | SENT(FOR A DOCTOR) |
| | | | | | (1.) | . |
| SE,RT3-2 | PV | 00000 | | SENTENCE | PM | HAVING |
| | | | AI-C | ADJECTIVE | 2 PC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 POA | THESE |
| | | | N5-C | MODIFIED OBJECT | 2 PO | DEVICES |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | USING |
| | | | | | ( PO) | THEM |
| | | | | | | (FOR THE PUBLIC) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | SERVED |
| | | | | | (1O) | (HIS) COUNTRY |
| | | | | | (1.) | . |
| SE,RT3-3 | PV | 00CCC | | SENTENCE | PM | APPOINTING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | AI-C | ADJECTIVE | 2 PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (CROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | RETIRING (HIMSELF) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | LIVED |
| | | | | | (1O) | (A QUIET) LIFE |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,RT4-0 | PV | 00000 | | SENTENCE | | PM | LETTING |
| | | | NQ-C | NOUN OBJECT | 2 | PO | (THE) CHILDREN |
| | | | BV-R | INFINITE VERB | 2 | PCV | GO |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | SENDING |
| | | | | | ( | PO) | (HIS) WIFE (OUT) |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | ENJOYED |
| | | | | | | (10) | (THE) SERENITY |
| | | | | | | (1.) | . |
| SE,RT5-0 | PV | 00000 | | SENTENCE | | PM | SEEING |
| | | | NQ-C | NOUN OBJECT | 2 | PO | (THE) CHILD |
| | | | PA-R | PARTICIPLE | 2 | PCM | CRYING |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | APPEASING |
| | | | | | ( | PO) | IT |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | SHE |
| | | | | | | (1V) | WENT (HOME) |
| | | | | | | | . |
| SE,RT6-0 | PV | 00000 | | SENTENCE | | PM | REALIZING |
| | | | NC-D | NOUN CLAUSE | 2 | P5R | THAT |
| | | | | | ( | P5S) | A |
| | | | | | ( | P5V) | IS |
| | | | | | ( | P5C) | B |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | PA-C | PARTICIPLE | 1 | PM | GETTING |
| | | | | | ( | PO) | CLUES |
| | | | CN-0 | COMMA | 1 | , | , |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | SOLVED |
| | | | | | | (10) | (THE) PROBLEM |
| | | | | | | (1.) | . |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,RT6-1 | PV | 00000 | | SENTENCE | PM | REALIZING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 P5S | SHE |
| | | | | | ( P5V) | WAS |
| | | | | | ( P5C) | SICK |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 P, | . |
| | | | NC-D | NOUN CLAUSE | 2 P5R | THAT |
| | | | | | ( P5S) | HE |
| | | | | | ( P5V) | HAD TREATED |
| | | | | | ( P5O) | HER (ROUGHLY) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | FEELING |
| | | | | | ( PC) | SORRY (FOR HER) |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | HE |
| | | | | | (1V) | BEGGED |
| | | | | | (1O) | (HER) PARDON |
| | | | | | (1.) | . |
| SE,RT7-0 | PV | 00000 | | SENTENCE | PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 P5R | THAT |
| | | | | | ( P5S) | HE |
| | | | | | ( P5V) | WOULD FAIL |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | LOST |
| | | | | | (1O) | (A) FRIEND |
| | | | | | (1.) | . |
| SE,RT7-1 | PV | 00000 | | SENTENCE | PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 P5S | HE |
| | | | | | ( P5V) | WOULD FAIL |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 P, | . |
| | | | NC-D | NOUN CLAUSE | 2 P5R | THAT |
| | | | | | ( P5S) | I |
| | | | | | ( P5V) | WOULD SUCCEED |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | IRRITATING |
| | | | | | ( PC) | HIM |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | LOST |
| | | | | | (1O) | (A) FRIEND |
| | | | | | (1.) | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,RT7-2 | PV | 00C0C | | SENTENCE | PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 2 PO | HIM |
| | | | AC-D | NOUN CLAUSE | 2 P5R | THAT |
| | | | | | ( P5S) | HE |
| | | | | | ( P5V) | WOULC FAIL |
| | | | XC-M | (A,B,) AND (C) | 1 + | AND |
| | | | PA-C | PARTICIPLE | 1 PM | IRRITATING |
| | | | | | ( PO) | HIM |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | I |
| | | | | | (1V) | LOST |
| | | | | | (1O) | (A) FRIEND |
| | | | | | (1.) | . |
| SE,TIT-C | TS | 00000 | | SENTENCE | 1S | IT |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | WRONG |
| | | | GR-A | GERUND | 1 1SG | TELLING |
| | | | | | (1SO) | (A) LIE |
| | | | PD- | PERIOD | 0 1. | . |
| SE,TIT-1 | TS | 00C00 | | SENTENCE | 1S | IT |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | WRONG |
| | | | IF-I | TO-INFINITIVE | 1 1SVR | TO |
| | | | | | (1SV) | TELL |
| | | | | | (1SO) | (A) LIE |
| | | | PD- | PERICD | 0 1. | . |
| SE,TIT-2 | TS | 00C0C | | SENTENCE | 1S | IT |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | TRUE |
| | | | AE-C | SUBJUNCTIVE NOUN CL | 1 14R | THAT |
| | | | | | (14S) | YOU |
| | | | | | (14V) | HAVE WON |
| | | | PD- | PERIOD | 0 1. | . |
| SE,TIT-3 | TS | 00000 | | SENTENCE | 1S | IT |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | TRUE |
| | | | SG-C | DECLARATIVE CLAUSE | 1 14S | YOU |
| | | | | | (14V) | HAVE WON |
| | | | PD- | PERIOD | 0 1. | . |
| SE,TIT-4 | TP | 00C0C | | SENTENCE | PS | IT |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | WRONG |
| | | | GR-A | GERUND | 2 PSG | TELLING |
| | | | | | ( PSO) | (A) LIE |
| | | | CN-O | COMMA | 1 , | , |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST BE |
| | | | | | (1C) | HONEST |
| | | | | | (1.) | . |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SE,TIT-5 | TP | 00000 | | SENTENCE | PS | IT |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | WRONG |
| | | | IF-I | TO-INFINITIVE | 2 PSVR | TO |
| | | | | | ( PSV) | TELL |
| | | | | | ( PSO) | (A) LIE |
| | | | CN-O | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 1S | YOU |
| | | | | | (1V) | MUST BE |
| | | | | | (1C) | HONEST |
| | | | | | (1.) | . |
| SE,TIT-6 | TP | 00000 | | SENTENCE | PS | IT |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | NATURAL |
| | | | NE-C | SUBJUNCTIVE NOUN CL | 2 P4R | THAT |
| | | | | | ( P4S) | HE |
| | | | | | ( P4V) | BE |
| | | | | | ( P4C) | SUCCESSFUL |
| | | | CN-O | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | ARE |
| | | | | | (1C) | (NOT) SURPRISED |
| | | | | | (1.) | . |
| SE,TIT-7 | TP | 00000 | | SENTENCE | PS | IT |
| | | | PA-C | PARTICIPLE | 1 PM | BEING |
| | | | | | ( PC) | NATURAL |
| | | | SG-C | DECLARATIVE CLAUSE | 2 P4S | HE |
| | | | | | ( P4V) | IS |
| | | | | | ( P4C) | SUCCESSFUL |
| | | | CN-O | COMMA | 1 . | . |
| | | | SE- | SENTENCE | 0 1S | WE |
| | | | | | (1V) | ARE |
| | | | | | (1C) | (NOT) AFRAID |
| | | | | | (1.) | . |
| SE,TOI-C | IS | 00000 | | SENTENCE | 1SVR | TO |
| | | | BV-I | INFINITE VERB | 1 1SV | ERR |
| | | | VS-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | HUMAN |
| | | | PD- | PERIOD | 0 1. | . |
| SE,TOI-1 | IS | 00000 | | SENTENCE | 1SVR | TO |
| | | | BV-I | INFINITE VERB | 1 1SV | ERR |
| | | | XC-A | (A,B,) AND (C) | 1 1+ | AND |
| | | | IF-I | TO-INFINITIVE | 1 1SVR | TO |
| | | | | | (1SV) | IMPROVE |
| | | | VC-A | PREDICATE | 1 1V | IS |
| | | | | | (1C) | HUMAN |
| | | | PD- | PERIOD | 0 1. | . |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SE,TOI-2 | DI | 00000 | | SENTENCE | | DVR | TO |
| | | | BV-M | INFINITE VERB | 1 | DV | ACCOMPLISH |
| | | | | | | ( DO) | SOMETHING |
| | | | ZC-I | (A,B,) AND (C) (DROP) | 1 | + | AND |
| | | | IF-M | TO-INFINITIVE | 1 | DVR | TO |
| | | | | | | ( DV) | BE RECOGNIZED |
| | | | | | | | (IN THIS FIELD) |
| | | | SE- | SENTENCE | 0 | 1S | YOU |
| | | | | | | (1V) | MUST WORK (HARD) |
| | | | | | | (1.) | . |
| SE,YCO-0 | CO | 00000 | | | | *** | HE HAD TO WORK |
| | | | | | | *** | HARD, |
| | | | | SENTENCE | | + | FOR |
| | | | SE- | SENTENCE | 0 | 1S | HE |
| | | | | | | (1V) | HAD |
| | | | | | | (1O) | (NO) MONEY |
| | | | | | | (1.) | . |
| SF,AAA-0 | SV | 00000 | | | | *** | THIS IS WHAT |
| | | | | DECLAR CL WITH NO OBJ | | $SA | HIS |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | $S | SISTER |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 | $V | LIKED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | BUT |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y | $S | HE |
| | | | | | | ($V) | DISLIKED |
| SF,AAA-1 | AP | 00000 | | DECLAR CL WITH NO OBJ | | -EA | THESE |
| | | | CN- | ADVERBIAL NOUN PHR | 0 | -E | DAYS |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y | $S | I |
| | | | | | | ($V) | LIKE |
| SF,AAB-0 | AB | 00000 | | DECLAR CL WITH NO OBJ | | $SA | MORE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | $S | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 2 | $SA8R | THAN |
| | | | | | | ($SA8D) | EVER |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 | $V | LIKED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NO CBJ | Y | $SA | FEWER |
| | | | | | | ($S) | PEOPLE |
| | | | | | | ($SA8R) | THAN |
| | | | | | | ($SA8D) | BEFORE |
| | | | | | | ($V) | DISLIKED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SF,ADN-0 | AB | 00000 | | | *** | THIS IS WHAT |
| | | | | DECLAR CL WITH NO OBJ | $SA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 3 $SAD | THAN |
| | | | | | ($SA) | TWENTY |
| | | | 1C-A | SUBJECT | 1 $S | PEOPLE |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | HAD APPLIED |
| | | | | | ($VPR) | FOR |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | NONE (OF THEM) |
| | | | | | ($V) | HAD OBTAINED |
| SF,ADP-0 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SA | SUCH |
| | | | MZ-A | NOUN SUBJECT | 1 $S | PEOPLE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | WANTED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | FEW (OF THEM) |
| | | | | | ($V) | OBTAINED |
| SF,ADP-1 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SA | SUCH |
| | | | MZ-A | NOUN SUBJECT | 1 $S | MEN |
| | | | 33-A | AS-CLAUSE | 2 $SA8R | AS |
| | | | | | ($SA8S) | HE |
| | | . | WZ-X | PREDICATE WITH NO OBJ | 1 $V | WANTED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | FEW (OF THEM) |
| | | | | | ($V) | OBTAINED |
| SF,AV1-0 | AD | 00000 | | DECLAR CL WITH NO OBJ | -D | SECRETLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | BUT |
| | | | CA- | ADVERB | 0 -D | EMOTIONALLY |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | LIKED |
| SF,AV2-0 | AD | 00000 | | DECLAR CL WITH NO OBJ | -D | UP (TO THAT TIME) |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | HAD HATED |
| SF,AV3-0 | AB | 00C00 | | DECLAR CL WITH NO OBJ | -DD | AS |
| | | | DA- | ADVERB | 0 -D | HEARTILY |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8D) | EVER |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | LOVED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SF,AV3-1 | AB | 00000 | | DECLAR CL WITH NO OBJ | ●●● $SAD | THIS IS WHAT AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | RICH |
| | | | MZ-A | NOUN SUBJECT | 1 $S | (A) MAN |
| | | | 33-A | AS-CLAUSE | 2 $SA8R ($SA8S) | AS HE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | CAN BUY |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S ($V) | WE CANNOT BUY |
| SF,AV3-2 | AB | 00000 | | DECLAR CL WITH NO OBJ | $SAD | AS |
| | | | A2-A | DISCONTINUOUS ADJ | 1 $SA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 3 $SAD ($SA) | AS TWENTY |
| | | | MZ-A | NOUN SUBJECT | 1 $S | PEOPLE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V ($VPR) | APPLIED FOR |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S ($V) | NONE (OF THEM) OBTAINED |
| SF,AV4-0 | AD | 00000 | | DECLAR CL WITH NO OBJ | $D | THERE |
| | | | IZ-X | COMPLETE VI | 1 $V | IS |
| | | | MZ-A | NOUN SUBJECT | 1 $S | (NO) SOLUTION |
| | | | DQ- | PREPOSITION | 2 $SPR | TO |
| SF,AV4-1 | AD | 00000 | | DECLAR CL WITH NO OBJ | $D | THERE |
| | | | IZ-X | COMPLETE VI | 1 $V | IS |
| | | | MZ-A | NOUN SUBJECT | 1 $S | (NO) MEANS |
| | | | IG-N | TO-INFIN WITH NO OBJ | 2 $SPVR ($SPV) | TO AVOID |
| SF,AV5-0 | AD | 00000 | | DECLAR CL WITH NO OBJ | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | DEARLY |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S ($V) | HE LIKED |
| SF,AV5-1 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | WEALTHY |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PEOPLE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | CAN BUY |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S ($V) | WE CANNOT BUY |
| SF,AV6-0 | AB | 00000 | | DECLAR CL WITH NO OBJ | -D | MORE |
| | | | 88-C | THAN-CLAUSE | 0 -D8R (-D8D) | THAN EVER |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S ($V) | HE LIKED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT |
| SF,AV6-1 | AB | 00000 | | DECLAR CL WITH NO OBJ | -D | MORE |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | N2-A | OBJECT | 2 -D80 | ANYTHING (ELSE) |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | LIKED |
| SF,AV6-2 | AB | 00000 | | DECLAR CL WITH NO OBJ | $SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | INTELLIGENT |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PEOPLE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | MIGHT HAVE SOLVED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | BUT |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | WE |
| | | | | | ($V) | COULD NOT SOLVE |
| SF,AV6-3 | AB | 00000 | | DECLAR CL WITH NO CBJ | $SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | INTELLIGENT |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 2 $SA8R | THAN |
| | | | | | ($SA8S) | WE |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | MIGHT HAVE SOLVED |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | (MUCH EARLIER)AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SAD | LESS |
| | | | | | ($SA) | INTELLIGENT |
| | | | | | ($S) | PEOPLE |
| | | | | | ($V) | MIGHT HAVE GIVEN |
| | | | | | | (UP MUCH EARLIER) |
| SF,AV6-4 | AB | 00000 | | DECLAR CL WITH NC OBJ | -D | SOONER |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | OR |
| | | | DA- | ADVERB | 0 -D | LATER |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y $S | WE |
| | | | | | ($V) | HAVE TO DO |
| SF,AV8-0 | SV | 00000 | | DECLAR CL WITH NO CBJ | $SAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | MANY |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PEOPLE |
| | | | WZ-X | PREDICATE WITH NO CBJ | 1 $V | LOVED |
| | | | ZC-W | (A,B,) AND (C) (DRCP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NC OBJ | Y $S | NONE (OF THEM) |
| | | | | | ($V) | OBTAINED |
| SF,AV8-1 | AD | 00000 | | DECLAR CL WITH NC OBJ | -DD | TOO |
| | | | DA- | ADVERB | 0 -D | PASSIONATELY |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | LOVED |
| SF,BG1-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | BEING |
| | | | DB- | ADVERB AFTER RE1 | 3 $SGD | HERE |
| | | | WS-X | PREDICATE WITH NC OBJ | 1 $V | CONSTITUTES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | WORKING (ALONE) |
| | | | | | ($V) | CAUSES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTICNS OF PREDICTIONS | STRUCT, SHIFT CC | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | | ••• | THIS IS WHAT |
| SF,8G1-1 | GS | 00000 | | DECLAR CL WITH NC CBJ | | $SG | BEING |
| | | | DB- | ADVERB AFTER BE1 | 2 | $SGO | HERE |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | LIVING (ALCNE) |
| | | | hC-X | PREDICATE WITH NO OBJ | 1 | $V | CONSTITUTES |
| | | | ZC-W | (A,B,) AND (C) (CROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y | $SG | WORKING |
| | | | | | | | (BY ONESELF) |
| | | | | | | ($V) | CAUSES |
| SF,8G2-0 | GS | 00000 | | DECLAR CL WITH NC CBJ | | $SG | BEING |
| | | | AI-E | ADJECTIVE | 2 | $SC | KIND |
| | | | WS-X | PREDICATE WITH NO CBJ | 1 | $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y | $SG | HELPING |
| | | | | | | ($SO) | OTHERS |
| | | | | | | ($V) | BRINGS |
| SF,8G2-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | | $SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 2 | $SC | (A) PROFESSOR |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 | $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y | $SG | TEACHING |
| | | | | | | ($SO) | STUDENTS |
| | | | | | | ($V) | BRINGS |
| SF,8G2-2 | GS | 0000C | | DECLAR CL WITH NO OBJ | | $SG | BEING |
| | | | AI-E | ADJECTIVE | 2 | $SC | KIND |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | HELPING |
| | | | | | | ($SO) | OTHERS |
| | | | WC-X | PREDICATE WITH NO CBJ | 1 | $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NC OBJ | Y | $SG | BEING |
| | | | | | | ($S) | UNKIND |
| | | | | | | ($V) | DOES (NOT) BRING |
| SF,8G2-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | | $SG | BEING |
| | | | N3-E | NOUN CCMPLEMENT | 2 | $SC | (A) PROFESSOR |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | TEACHING |
| | | | | | | ($SO) | STUDENTS |
| | | | WC-X | PREDICATE WITH NC CBJ | 1 | $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (CROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y | $SG | BEING |
| | | | | | | ($SC) | (A) BUSINESSMAN |
| | | | | | | ($V) | DOES (NOT) BRING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SF,BG3-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | •••  $SGX | THIS IS WHAT |
| | | | | | | BEING |
| | | | PA-E | PARTICIPLE | 2 $SG | DESPISED |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | DESPISING |
| | | | | | ($SO) | OTHERS |
| | | | | | ($V) | CAUSES |
| SF,BG3-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SGX | BEING |
| | | | PA-E | PARTICIPLE | 2 $SG | DESPISED |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | DESPISING |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | AMOUNTS |
| | | | | | ($VPR) | TO |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | HATING |
| | | | | | ($SO) | OTHERS |
| | | | | | ($V) | CAUSES |
| | | | | | ••• | THIS IS THE GIRL |
| | | | | | ••• | HE TOLD ME THAT |
| | | | | | ••• | UP TO THAT TIME |
| SF,CMA-0 | CM | 00000 | | DECLAR CL WITH NO OBJ | $, | , |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | HAD HATED |
| SF,GI1-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | •••  $SG | THIS IS WHAT |
| | | | | | | CHEATING |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | DECEIVING |
| | | | | | ($SO) | OTHERS |
| | | | | | ($V) | BRINGS |
| SF,GI1-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | CHEATING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | DECEIVING |
| | | | | | ($SO) | OTHERS |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | INSINCERITY |
| | | | | | ($V) | CAUSES |
| SF,GI2-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | BECOMING |
| | | | AI-E | ADJECTIVE | 2 $SC | FAT |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | HAVING |
| | | | | | | (A PROTRUDING) |
| | | | | | ($SO) | BELLY |
| | | | | | ($V) | MEANS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SF,GI2-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG ••• | THIS IS WHAT BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | (A) PROFESSOR |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | TEACHING |
| | | | | | ($SO) | STUDENTS |
| | | | | | ($V) | INVOLVES |
| SF,GI2-2 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | BECOMING |
| | | | AI-E | ADJECTIVE | 2 $SC | FAT |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | HAVING |
| | | | | | | (A PROTRUDING) |
| | | | | | ($SO) | BELLY |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | MIDDLE-AGE |
| | | | | | ($V) | BRINGS |
| SF,GI2-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | (A) PROFESSOR |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | TEACHING |
| | | | | | ($SO) | STUDENTS |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | INVOLVES |
| | | | ZC-W | (A,B,) AND (C) (CROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | (ACADEMIC) LIFE |
| | | | | | ($O) | SECURES |
| SF,GI3-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 3 $SGPR | FOR |
| | | | | | ($SGPO) | (A) JOB |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CONSISTS |
| | | | | | ($VPR) | OF |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | BEING INTERVIEWED |
| | | | | | ($V) | CAUSES |
| SF,GI3-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | APPLYING |
| | | | CP- | PREPOSITICNAL PHR | 3 $SGPR | FOR |
| | | | | | ($SGPO) | (A) JOB |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | BEING INTERVIEWED |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CONSISTS |
| | | | | | ($VPR) | OF |
| | | | ZC-W | (A,B,) AND (C) (CRCP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | SECURING |
| | | | | | ($SO) | (A) JOB |
| | | | | | ($V) | NECESSITATES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ●●● | THIS IS WHAT |
| SF,GT1-0 | GS | 00COC | | DECLAR CL WITH NO OBJ | $SG | HAVING |
| | | | N2-E | OBJECT | 2 $SO | (A) JOB |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | INVOLVES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | WORKING(REGULARLY) |
| | | | | | ($V) | BRINGS |
| SF,GT1-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | HAVING |
| | | | N2-E | OBJECT | 2 $SO | (A) JOB |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | WORKING(REGULARLY) |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | (A LAZY) LIFE |
| | | | | | ($V) | LACKS |
| SF,GT1-2 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | READING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | G1-A | GERUND OF VT1 | 1 $SG | CORRECTING |
| | | | | | ($SO) | PAPERS |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CONSISTS |
| | | | | | ($VPR) | OF |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | MARKING |
| | | | | | ($SO) | THEM |
| | | | | | ($V) | INVOLVES |
| SF,GT1-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | READING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | G1-A | GERUND OF VT1 | 1 $SG | CORRECTING |
| | | | | | ($SO) | PAPERS |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | MARKING |
| | | | | | ($SO) | THEM |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CONSISTS |
| | | | | | ($VPR) | OF |
| | | | ZC-A | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | GIVING |
| | | | | | ($SO) | EXAMINATIONS |
| | | | | | ($V) | INVOLVES |
| SF,GT2-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | THEM |
| | | | N2-E | OBJECT | 2 $SO | MONEY |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | (SOCIAL) SECURITY |
| | | | | | ($V) | ADVOCATES |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT |
| SF,GT2-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | THEM |
| | | | N2-E | OBJECT | 2 $SO | MONEY |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | HELPING |
| | | | | | ($SO) | THEM |
| | | | WC-X | PREDICATE WITH NC OBJ | 1 $V | CAUSES |
| | | | XC-W | (A,B,) AND (C) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | (SOCIAL) SECURITY |
| | | | | | ($V) | ADVOCATES |
| SF,GT3-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HER |
| | | | AI-E | ADJECTIVE | 2 $SC | HAPPY |
| | | | WS-X | PREDICATE WITH NC OBJ | 1 $V | NECESSITATES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | SHARING |
| | | | | | ($SO) | (HER) JOY |
| | | | | | ($V) | BRINGS |
| SF,GT3-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | HAVING |
| | | | AI-E | ADJECTIVE | 2 $SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 $SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 $SO | DEVICES |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | NECESSITATES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | ANC |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y $SG | USING |
| | | | | | ($SO) | THEM |
| | | | | | | (FCR THE PUBLIC) |
| | | | | | ($V) | BRINGS |
| SF,GT3-2 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | APPOINTING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | PRESIDENT |
| | | | WS-X | PREDICATE WITH NC OBJ | 1 $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | GIVING |
| | | | | | ($SO) | HIM |
| | | | | | ($SO) | (MORE) AUTHORITY |
| | | | | | ($V) | CAUSES |
| SF,GT3-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HER |
| | | | AI-E | ADJECTIVE | 2 $SC | HAPPY |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | SHARING |
| | | | | | ($SO) | (HER) JOY |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y $SG | LIVING (ALONE) |
| | | | | | ($V) | DOES (NOT) BRING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS CF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| | | | | | ••• | | THIS IS WHAT |
| SF,GT3-4 | GS | 0000C | | DECLAR CL WITH NO OBJ | | $SG | HAVING |
| | | | AI-E | ADJECTIVE | 2 | $SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 | $SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 | $SO | DEVICES |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | USING |
| | | | | | | ($SO) | THEM (PUBLICLY) |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 | $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NO CBJ | Y | $SG | KEEPING |
| | | | | | | ($SO) | THEM |
| | | | | | | ($V) | COSTS |
| | | | | | | | |
| SF,GT3-5 | GS | 00C00 | | DECLAR CL WITH NO OBJ | | $SG | APPOINTING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HIM |
| | | | N3-E | NOUN COMPLEMENT | 2 | $SC | PRESIDENT |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | GIVING |
| | | | | | | ($SO) | HIM |
| | | | | | | ($SO) | (MORE) AUTHORITY |
| | | | WC-X | PREDICATE WITH NC OBJ | 1 | $V | BRINGS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y | $SG | NEGLECTING |
| | | | | | | ($SO) | OTHERS |
| | | | | | | ($V) | CAUSES |
| SF,GT4-C | GS | 00000 | | DECLAR CL WITH NC CBJ | | $SG | LETTING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HIM |
| | | | BV-T | INFINITE VERB | 2 | $SCV | PLAY |
| | | | WS-X | PREDICATE WITH NC CBJ | 1 | $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DRCP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NC OBJ | Y | $SG | NEGLECTING |
| | | | | | | ($SO) | (HIS) WORK |
| | | | | | | ($V) | BRINGS |
| | | | | | | | |
| SF,GT4-1 | GS | 0000C | | DECLAR CL WITH NC OBJ | | $SG | LETTING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HIM |
| | | | BV-T | INFINITE VERB | 2 | $SCV | PLAY |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | (NOT) LETTING |
| | | | | | | ($SO) | HIM |
| | | | | | | ($SCV) | WORK |
| | | | WC-X | PREDICATE WITH NC OBJ | 1 | $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y | + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y | $S | (THE) LACK (OF CHILD TRAINING) |
| | | | | | | ($V) | BRINGS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •••| THIS IS WHAT |
| SF,GT5-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | FEELING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | ONESELF |
| | | | PA-T | PARTICIPLE | 2 $SCM | TREMBLING |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | MEANS |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | BECOMING |
| | | | | | ($SC) | WEAK |
| | | | | | ($V) | CAUSES |
| | | | | | | |
| SF,GT5-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | FEELING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | ONESELF |
| | | | PA-T | PARTICIPLE | 2 $SCM | TREMBLING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | LISTENING (FOR THE EXPLOSION) |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | SUCCESS (IN THE EXPLOSION) |
| | | | | | ($V) | BRINGS |
| - - - | - | - - - | - - - | - - - - - - - - - - - - | - - - | - - - |
| SF,GT6-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | IT |
| | | | | | ($S5V) | MUST BE DONE |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | NECESSITATES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | NEGLECTING |
| | | | | | ($SO) | IT |
| | | | | | ($V) | CAUSES |
| | | | | | | |
| SF,GT6-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | IT |
| | | | | | ($S5V) | MUST BE DONE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | NEGLECTING |
| | | | | | ($SO) | IT |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | NEGLIGENCE (OF DUTY) |
| | | | | | ($V) | AMOUNTS |
| | | | | | ($VPR) | TO |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT |
| SF,GT6-2 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | IT |
| | | | | | ($S5V) | MUST BE DONE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | NEGLECTING |
| | | | | | ($SO) | IT |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | NEGLIGENCE (OF DUTY) |
| | | | | | ($V) | AMOUNTS |
| | | | | | ($VPR) | TO |
| SF,GT6-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | IT |
| | | | | | ($S5V) | MUST BE DONE |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | IT |
| | | | | | ($S5V) | CAN BE DONE |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | NECESSITATES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y $SG | NEGLECTING |
| | | | | | ($SO) | IT |
| | | | | | ($V) | CAUSES |
| SF,GT7-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | MUST WORK (HARD) |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NC CBJ | Y $SG | STIMULATING |
| | | | | | ($SO) | HIM |
| | | | | | ($V) | BRINGS |
| SF,GT7-1 | GS | 00000 | | DECLAR CL WITH NC OBJ | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | MUST WORK (HARD) |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | IRRITATING |
| | | | | | ($SO) | HIM |
| | | | WC-X | PREDICATE WITH NC CBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NC OBJ | Y $SG | ENCOURAGING |
| | | | | | ($SO) | HIM |
| | | | | | ($V) | BRINGS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT |
| SF,GT7-2 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | HE |
| | | | | | ($S5V) | MUST WORK (HARD) |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | IRRITATING |
| | | | | | ($SO) | HIM |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | ENCOURAGING |
| | | | | | ($SO) | HIM |
| | | | | | ($SV) | BRINGS |
| SF,GT7-3 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | HE |
| | | | | | ($S5V) | MUST WORK (HARD) |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | CANNOT PLAY |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SG | DISCOURAGING |
| | | | | | ($SO) | HIM |
| | | | | | ($V) | BRINGS |
| SF,HVG-0 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SGX | HAVING |
| | | | IF-T | TO-INFINITIVE | 2 $SGR | TO |
| | | | | | ($SG) | WORK |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | CAUSES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | SENSE (OF DUTY) |
| | | | | | ($V) | BRINGS |
| SF,HVG-1 | GS | 00000 | | DECLAR CL WITH NO OBJ | $SGX | HAVING |
| | | | IF-T | TO-INFINITIVE | 2 $SGR | TO |
| | | | | | ($SG) | WORK |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SGX | HAVING |
| | | | | | ($SGR) | TO |
| | | | | | ($SG) | STUDY |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | INVOLVES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | SENSE (OF DUTY) |
| | | | | | ($V) | BRINGS |
| SF,NNN-0 | SV | 01000 | | DECLAR CL WITH NO OBJ | $S | YANKEES |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | CONFIDERATES |
| | | | | | ($V) | DISLIKE |

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|---|---|---|---|---|---|---|---|
| SF,NNN-1 | SV | 01000 | | DECLAR CL WITH NO OBJ | | ••• | THIS IS WHAT |
| | | | | | $S | | PEOPLE |
| | | | AP- | POST-POSITIONAL ADJ | 2 $SPM | | LIVING (HERE) |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | PEOPLE (THERE) |
| | | | | | ($V) | | DISLIKE |
| SF,NNN-2 | SV | 01000 | | DECLAR CL WITH NO OBJ | $S | | PEOPLE |
| | | | AC- | ADJECTIVE CLAUSE | 2 $S7S | | WHO |
| | | | | | ($S7V) | | LIVE (HERE) |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | PEOPLE (THERE) |
| | | | | | ($V) | | DISLIKE |
| SF,NNN-3 | SV | 00000 | | DECLAR CL WITH NO OBJ | $S | | MARY |
| | | | XD-A | (A) AND (B) | 1 $+ | | AND |
| | | | PC-A | NOUN SUBJECT | 1 $S | | I |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | (OUR) PARENTS |
| | | | | | ($V) | | DISLIKE |
| SF,NNN-4 | SV | 00000 | | DECLAR CL WITH NO OBJ | $S | | MARY |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | PC-A | NOUN SUBJECT | 1 $S | | JACKIE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | | I |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | (OUR) PARENTS |
| | | | | | ($V) | | DISLIKE |
| SF,NNN-5 | SV | 01000 | | DECLAR CL WITH NO OBJ | $S | | MARY |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | 1C-A | SUBJECT | 1 $S | | (MY) WIFE |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | | LIKES |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | I |
| | | | | | ($V) | | DISLIKE |
| SF,NOU-0 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SA | | MACHINE |
| | | | 7Z-A | SUBJECT MASTER | 1 $S | | TRANSLATION |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | | CAN (NOT) PERFORM |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $SA | | HUMAN |
| | | | | | ($S) | | TRANSLATION |
| | | | | | ($V) | | CAN DO |

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|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT |
| SF,NOU-1 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SA | COMMUNICATION |
| | | | CN-D | COMMA | 2 $S; | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | ELECTRONIC |
| | | | | | ($S) | AND |
| | | | | | ($S) | ASTRONAUTICAL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | COMPANIES |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | WORK |
| | | | | | ($VPR) | FOR |
| | | | ZC-W | (A,B,) AND (C) (CROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | UNIVERSITIES |
| | | | | | ($V) | DO (NOT) LIKE |
| SF,NUM-0 | SV | 00000 | | DECLAR CL WITH NO OBJ | $SA | TWO |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | NATIONS |
| | | | WZ-X | PREDICATE WITH NO OBJ | 1 $V | (OFTEN) DISAGREE |
| | | | | | ($VPR) | ON |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $D | THERE |
| | | | | | ($V) | IS |
| | | | | | ($S) | (NO) SOLUTION |
| | | | | | ($SPR) | TO |
| SF,PRE-0 | PH | 00000 | | DECLAR CL WITH NO OBJ | /PR | AT |
| | | | NQ-G | NOUN OBJECT | 1 /PO | (THE) OFFICE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | (ALSO) AT |
| | | | | | (/PO) | HOME |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | (USUALLY) DOES |
| SF,PRE-1 | PH | 00000 | | DECLAR CL WITH NO OBJ | /PR | IN |
| | | | GR-B | GERUND | 1 /POG | WORKING |
| | | | ZC-E | (A,B,) AND (C) (CROP) | 0 /+ | AND |
| | | | CA- | ADVERB | 0 /PR | (ALSO) AT |
| | | | | | (/PO) | HOME |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | HE |
| | | | | | ($V) | (USUALLY) DOES |
| SF,PRE-2 | PH | 00000 | | DECLAR CL WITH NO OBJ | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | OP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/POG) | SLEEPING |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | PEOPLE |
| | | | | | ($V) | (USUALLY) DO |
| SF,PRN-0 | SV | 01000 | | DECLAR CL WITH NO OBJ | $S | I |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | WANT |
| | | | ZC-W | (A,B,) AND (C) (CROP) | Y + | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | YOU |
| | | | | | ($V) | DO (NOT) WANT |

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|---|---|---|---|---|---|---|---|
| SF,PRN-1 | SV | 01000 | | DECLAR CL WITH NO OBJ | | *** | THIS IS WHAT |
| | | | | | $S | | WE |
| | | | AC- | ADJECTIVE CLAUSE | 2 $S7S | | WHO |
| | | | | | ($S7V) | | ARE |
| | | | | | ($S7C) | | YOUNG |
| | | | WX-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | (THE OLD) PEOPLE |
| | | | | | ($V) | | (USUALLY) DISLIKE |
| SF,PRN-2 | SV | 00000 | | DECLAR CL WITH NC OBJ | $S | | YOU |
| | | | XD-A | (A) AND (B) | 1 $+ | | AND |
| | | | PC-A | NOUN SUBJECT | 1 $S | | I |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | (OUR) PARENTS |
| | | | | | ($V) | | DISLIKE |
| SF,PRN-3 | SV | 00000 | | DECLAR CL WITH NO OBJ | $S | | YOU |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | PC-A | NOUN SUBJECT | 1 $S | | JACKIE |
| | | | XC-A | (A,B,) AND (C) | 1 $, | | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | | I |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | OTHERS |
| | | | | | ($V) | | DISLIKE |
| SF,PRN-4 | SV | 01000 | | DECLAR CL WITH NC OBJ | $S | | THEY |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | 1C-A | SUBJECT | 1 $S | | (THE) RUSSIANS |
| | | | CN-A | COMMA | 1 $, | | , |
| | | | WX-X | PREDICATE WITH NC OBJ | 1 $V | | LIKE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | Y + | | AND |
| | | | SF-X | DECLAR CL WITH NO OBJ | Y $S | | WE |
| | | | | | ($V) | | DISLIKE |
| SF,TIT-0 | TS | 0000C | | DECLAR CL WITH NC OBJ | $S | | IT |
| | | | WS-X | PREDICATE WITH NC OBJ | 1 $V | | MEANS |
| | | | GR-A | GERUND | 1 $SG | | TELLING |
| | | | | | ($SO) | | (A) LIE |
| SF,TIT-1 | TS | 00000 | | DECLAR CL WITH NO OBJ | $S | | IT |
| | | | WS-X | PREDICATE WITH NC OBJ | 1 $V | | MEANS |
| | | | IF-1 | TO-INFINITIVE | 1 $SVR | | TO |
| | | | | | ($SV) | | TELL |
| | | | | | ($SO) | | (A) LIE |
| SF,TIT-2 | TS | 00000 | | DECLAR CL WITH NC CBJ | $S | | IT |
| | | | WS-X | PREDICATE WITH NC CBJ | 1 $V | | MEANS |
| | | | NC-C | NOUN CLAUSE | 1 $4R | | THAT |
| | | | | | ($4S) | | MAN |
| | | | | | ($4V) | | IS |
| | | | | | ($4C) | | MORTAL |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SF,TIT-3 | TS | 00000 | | DECLAR CL WITH NO OBJ | ●●● $S | THIS IS WHAT IT |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | IMPORTANT |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 $SVR | TO |
| | | | | | ($SV) | DECIDE |
| SF,TIT-4 | TS | 00000 | | DECLAR CL WITH NO OBJ | $S | IT |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | NATURAL |
| | | | ND-C | NOUN CL WITH NO OBJ | 1 $4R | THAT |
| | | | | | ($4S) | YOU |
| | | | | | ($4V) | SHOULD DO |
| SF,TOI-0 | IS | 00000 | | DECLAR CL WITH NO OBJ | $SVR | TO |
| | | | BV-I | INFINITE VERB | 1 $SV | WORK (HARD) |
| | | | WS-X | PREDICATE WITH NO OBJ | 1 $V | MEANS |
| SF,TOI-1 | IS | 00000 | | DECLAR CL WITH NO OBJ | $SVR | TO |
| | | | BV-I | INFINITE VERB | 1 $SV | WORK (HARD) |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | IF-I | TO-INFINITIVE | 1 $SVR | TO |
| | | | | | ($SV) | ATTAIN |
| | | | | | ($SO) | (A) GOAL |
| | | | WC-X | PREDICATE WITH NO OBJ | 1 $V | MEANS |
| SG,AAA-0 | SV | 00000 | | DECLARATIVE CLAUSE | ●●● $SA | I KNOW THAT THE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | SUMMER |
| | | | VZ-X | PREDICATE | 1 $V | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WINTER |
| | | | | | ($V) | HAS GONE |
| SG,AAA-1 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | THE |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | SUMMER |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING COME |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | HOT |
| SG,AAA-2 | AP | 0000C | | DECLARATIVE CLAUSE | -EA | LAST |
| | | | CN- | ADVERBIAL NOUN PHR | 0 -E | NIGHT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO BED AT ELEVEN) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SG,AAB-0 | SV | 00000 | | | | *** | I KNOW THAT |
| | | | | DECLARATIVE CLAUSE | | $SA | BRIGHTER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | $S | MEN |
| | | | 88-A | THAN-CLAUSE | 2 | $SABR | THAN |
| | | | | | | ($SABS) | YOU |
| | | | VZ-X | PREDICATE | 1 | $V | COULD DO |
| | | | | | | ($0) | IT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | THEY |
| | | | | | | ($V) | WILL DO |
| | | | | | | ($0) | IT |
| | | | | | | | |
| SG,AAB-1 | SV | 00000 | | DECLARATIVE CLAUSE | | $SA | MORE |
| | | | 4Z-A | MODIFIED SUBJECT | 1 | $S | MEN |
| | | | VZ-X | PREDICATE | 1 | $V | CAME |
| | | | 88-I | THAN-CLAUSE | 1 | $SABR | THAN |
| | | | | | | $SABV | EXPECTED |
| | | | ZM-W | COMMA,ANC,OR (DRCP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | (THE) PARTY |
| | | | | | | ($V) | WAS |
| | | | | | | ($C) | (A) SUCCESS |
| - - - - | - - | - - - | - - | - - - - - - - - - - | - - | - - - | - - - |
| SG,ADJ-0 | SP | 0000C | | DECLARATIVE CLAUSE | | $PC | ACTIVE |
| | | | ZC-C | (A,B,) AND (C) (CROP) | 2 | $P+ | AND |
| | | | AI-C | ADJECTIVE | 2 | $PC | HELPFUL (IN ALL) |
| | | | CN-0 | COMMA | 1 | $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | HE |
| | | | | | | ($V) | HAS SUCCEEDED |
| - - - - | - - | - - - | - - | - - - - - - - - - - | - - | - - - | - - - |
| | | | | | | *** | I REALIZE THAT |
| SG,ADK-0 | SP | 00000 | | DECLARATIVE CLAUSE | | $PA | WISER |
| | | | ZC-C | (A,B,) AND (C) (CROP) | 2 | $P+ | AND |
| | | | AI-C | ADJECTIVE | 2 | $PA | QUICKER |
| | | | CN-0 | COMMA | 1 | $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | HE |
| | | | | | | ($V) | EXCELS |
| | | | | | | ($0) | (HIS) BRCTHER |
| | | | | | | | |
| SG,ADK-1 | SP | 00000 | | DECLARATIVE CLAUSE | | $PC | BRIGHTER |
| | | | 88-H | THAN-CLAUSE | 2 | $PCBR | THAN |
| | | | | | | ($PCBS) | (HIS) BRCTHER |
| | | | ZC-C | (A,B,) AND (C) (DRCP) | 2 | $P+ | BUT |
| | | | AI-C | ADJECTIVE | 2 | $PC | DULLER |
| | | | | | | ($PCBR) | THAN |
| | | | | | | ($PCBS) | (HIS) SISTER |
| | | | CN-0 | COMMA | 1 | $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | HE |
| | | | | | | ($V) | IS |
| | | | | | | ($C) | AVERAGE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,ADN-0 | SV | 00000 | | DECLARATIVE CLAUSE | ●●● $SA | I REALIZE THAT MORE |
| | | | C8-B | THAN (OF COMPARISON) | 3 $SAD | THAN |
| | | | | | ($SA) | TWENTY |
| | | | 1C-A | SUBJECT | 1 $S | PEOPLE |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y ● | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | EXPECTED |
| | | | | | ($0) | (ONLY) TWELEVE |
| SG,ADN-1 | SV | 00000 | | DECLARATIVE CLAUSE | $S | MORE |
| | | | 88-E | THAN-CLAUSE | 1 $S7R | THAN |
| | | | | | ($S7S) | I |
| | | | | | ($S7V) | HAD EXPECTED |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y ● | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | HAD EXPECTED |
| | | | | | ($0) | (EVEN) FEWER |
| SG,ADN-2 | SV | 00000 | | DECLARATIVE CLAUSE | $S | MORE |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | 88-E | THAN-CLAUSE | 1 $S7R | THAN |
| | | | | | ($S7S) | I |
| | | | | | ($S7V) | HAD EXPECTED |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y ● | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY |
| | | | | | ($V) | WERE PLEASED |
| SG,ADN-3 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | MORE |
| | | | C8-B | THAN (OF COMPARISON) | 4 $PSAD | THAN |
| | | | | | ($PSA) | TWENTY |
| | | | 1C-B | SUBJECT | 2 $PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 $PM | ATTENDING |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) LECTURER |
| | | | | | ($V) | WAS PLEASED |
| SG,ADN-4 | SP | 00C00 | | DECLARATIVE CLAUSE | $PS | MORE |
| | | | PA-C | PARTICIPLE | 1 $PM | ATTENDING |
| | | | 88-E | THAN-CLAUSE | 2 $PS7R | THAN |
| | | | | | ($PS7S) | HE |
| | | | | | ($PS7V) | HAD EXPECTED |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) LECTURER |
| | | | | | ($V) | WAS PLEASED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •• • | I REALIZE THAT |
| SG,ADP-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | SUCH |
| | | | MZ-A | NOUN SUBJECT | 1 $S | (A BRIGHT) GIRL |
| | | | VZ-X | PREDICATE | 1 $V | SHOULD (NOT) BE |
| | | | | | ($C) | LAZY |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SHE |
| | | | | | ($V) | IS |
| | | | | | (+C) | LAZY |
| | | | | | | |
| SG,ADP-1 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | SUCH |
| | | | MZ-A | NOUN SUBJECT | 1 $S | PEOPLE |
| | | | 33-A | AS-CLAUSE | 2 $SA8R | AS |
| | | | | | ($SA8V) | ARE GATHERED(HERE) |
| | | | VZ-X | PREDICATE | 1 $V | ARE (OFTEN) |
| | | | | | ($C) | THOUGHTLESS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY (TOO OFTEN) |
| | | | | | ($V) | CAUSE |
| | | | | | ($O) | UNHAPPINESS |
| | | | | | | |
| SG,ADP-2 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | SUCH |
| | | | PC-B | NOUN SUBJECT | 2 $PS | (FAMOUS) PEOPLE |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING COME |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) CONFERENCE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (A) SUCCESS |
| | | | | | | |
| SG,ADP-3 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | SUCH |
| | | | PC-B | NOUN SUBJECT | 2 $PS | (A) MAN |
| | | | 33-A | AS-CLAUSE | 2 $PSA8R | AS |
| | | | | | ($PSA8S) | YOU |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | SELFISH |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | WILL (NOT) ASK |
| | | | | | | (FOR HELP) |
| - - - | - | - - - | - - - | - - - - - - - - - - - - - | - - - - | |
| SG,AV1-0 | AD | 00000 | | DECLARATIVE CLAUSE | -D | HAPPILY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | LOUDLY |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | CHILDREN |
| | | | | | ($V) | PLAY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | •••| I REALIZE THAT |
| SG,AV3-0 | AB | 00000 | | DECLARATIVE CLAUSE | $SAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | MANY |
| | | | 1Z-A | SUBJECT | 1 $S | PEOPLE |
| | | | 33-A | AS-CLAUSE | 2 $SA8R | AS |
| | | | | | ($SA8S) | WE |
| | | | | | ($SA8V) | HAD EXPECTED |
| | | | VZ-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | WERE |
| | | | | | ($C) | HAPPY |
| SG,AV3-1 | AB | 00000 | | DECLARATIVE CLAUSE | $PSAD | AS |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | MANY |
| | | | 1C-B | SUBJECT | 2 $PS | PEOPLE |
| | | | 33-A | AS-CLAUSE | 3 $PSA8R | AS |
| | | | | | ($PSA8S) | WE |
| | | | | | ($PSA8V) | HAD EXPECTED |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING COME |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) LECTURE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (A GREAT) SUCCESS |
| SG,AV3-2 | AB | 00000 | | DECLARATIVE CLAUSE | -DD | AS |
| | | | CA- | ADVERB | 0 -D | OFTEN |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8C) | POSSIBLE |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO SEE HIM) |
| SG,AV3-3 | AB | 00000 | | DECLARATIVE CLAUSE | -DD | AS |
| | | | CA- | ADVERB | 0 -D | OFTEN |
| | | | C3-C | AS (OF COMPARISON) | 0 -D8R | AS |
| | | | 1Z-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | LOAFED |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WORKED |
| SG,AV3-4 | AB | 00000 | | DECLARATIVE CLAUSE | $SAD | AS |
| | | | A2-A | DISCONTINUOUS ADJ | 1 $SA | MANY |
| | | | C3-B | AS (OF COMPARISON) | 3 $SAD | AS |
| | | | | | ($SA) | TWENTY |
| | | | 1C-A | SUBJECT | 1 $S | PEOPLE |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | WERE |
| | | | | | ($C) | HAPPY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I REALIZE THAT |
| SG,AV4-0 | AD | 00000 | | DECLARATIVE CLAUSE | $D | THERE |
| | | | IZ-X | COMPLETE VI | 1 $V | SWIM |
| | | | KZ-A | NOUN SUBJECT | 1 $S | (THE) FISH |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) TURTLES |
| | | | | | ($V) | SLEEP |
| | | | | | | |
| SG,AV4-1 | AD | 00000 | | DECLARATIVE CLAUSE | $PD | THERE |
| | | | RR-C | PARTICIPLE VI | 1 $PM | BEING |
| | | | MC-B | NOUN SUBJECT | 2 $PS | MUCH (TO DO) |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WILL BE |
| | | | | | ($C) | BUSY |
| SG,AV5-0 | AD | 00000 | | DECLARATIVE CLAUSE | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO SEE) |
| | | | | | | |
| SG,AV5-1 | AD | 00000 | | DECLARATIVE CLAUSE | $SAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | FLOWERS |
| | | | VZ-X | PREDICATE | 1 $V | ARE (HERE) |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | CAN PICK |
| | | | | | ($O) | THEM |
| | | | | | | |
| SG,AV5-2 | AD | 00000 | | DECLARATIVE CLAUSE | $PSAD | VERY |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | FAMOUS |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | SCIENTISTS |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING ATTENDED |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) CONFERENCE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (A) SUCCESS |
| | | | | | ••• | I KNOW THAT |
| SG,AV6-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | GIRLS |
| | | | VZ-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | DID (NOT) EXPECT |
| | | | | | ($O) | THAT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,AV6-1 | SP | 00000 | | DECLARATIVE CLAUSE | ●●● $SAD | I KNOW THAT MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | GIRLS |
| | | | 88-A | THAN-CLAUSE | 2 $SA8R | THAN |
| | | | | | ($SA8S) | I |
| | | | | | ($SA8V) | HAD EXPECTED |
| | | | VZ-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | AM |
| | | | | | ($C) | FURIOUS |
| SG,AV6-2 | SV | 00000 | | DECLARATIVE CLAUSE | $SAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | BEAUTIFUL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | GIRLS |
| | | | VZ-X | PREDICATE | 1 $V | CAME |
| | | | 88-I | THAN-CLAUSE | 1 $SA8R | THAN |
| | | | | | ($SA8S) | I |
| | | | | | ($SA8V) | HAD EXPECTED |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | AM |
| | | | | | ($C) | FURIOUS |
| SG,AV6-3 | AB | 00000 | | DECLARATIVE CLAUSE | -D | SOONER |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | OR |
| | | | DA- | ADVERB | 0 -D | LATER |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | HAVE TO SURRENDER |
| SG,AV6-4 | AB | 00000 | | DECLARATIVE CLAUSE | ●●● -D | I REALIZE THAT MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8D) | BEFORE |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO SEE HER) |
| SG,AV6-5 | AB | 00000 | | DECLARATIVE CLAUSE | -D | MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | 1Z-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | WENT (TO SEE HER) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SHE |
| | | | | | ($V) | CAME (TO SEE ME) |
| SG,AV6-6 | SP | 00000 | | DECLARATIVE CLAUSE | $PCD | MORE |
| | | | A1-C | ADJECTIVE | 2 $PC | AGGRESSIVE |
| | | | 88-H | THAN-CLAUSE | 2 $PC8R | THAN |
| | | | | | ($PC8S) | (HER) SISTER |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SHE |
| | | | | | ($V) | IS DISLIKED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,AV6-7 | SP | 00000 | | DECLARATIVE CLAUSE | ••• $PCD | I REALIZE THAT MORE |
| | | | AI-C | ADJECTIVE | 2 $PC | QUIET |
| | | | | | ($P+) | AND |
| | | | | | ($PC) | ATTENTIVE |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SHE |
| | | | | | ($V) | SURPASSES |
| | | | | | ($O) | (HER) SISTER |
| SG,AV6-8 | SP | 00000 | | DECLARATIVE CLAUSE | $PSAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | INTELLIGENT |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 $PM | PARTICIPATING |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | COMPETED |
| | | | | | | (WITH THEM) |
| SG,AV6-9 | SP | 00000 | | DECLARATIVE CLAUSE | ••• $PSAD | I KNOW THAT MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | ACTIVE |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | PEOPLE |
| | | | 88-A | THAN-CLAUSE | 3 $PSA8R | THAN |
| | | | | | ($PSA8M) | EXPECTED |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING COME |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) CONFERENCE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (A) SUCCESS |
| SG,AV6-A | SP | 00000 | | DECLARATIVE CLAUSE | $PSAD | MORE |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | ACTIVE |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING COME |
| | | | 88-I | THAN-CLAUSE | 2 $PSA8R | THAN |
| | | | | | ($PSA8M) | EXPECTED |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) CONFERENCE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (A) SUCCESS |
| SG,AV8-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SAD | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | MANY |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PEOPLE |
| | | | VZ-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) PARTY |
| | | | | | ($V) | WAS |
| | | | | | ($C) | UNCONTROLABLE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SG,AV8-1 | SP | 00000 | | DECLARATIVE CLAUSE | | ••• | I KNOW THAT |
| | | | | | $PCD | | TOO |
| | | | AI-C | ADJECTIVE | 2 $PC | | INTELLIGENT |
| | | | | | ($P+) | | AND |
| | | | | | ($PC) | | (TOO) BRIGHT |
| | | | CN-O | COMMA | 1 $, | | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | ONE |
| | | | | | ($V) | | IS DISLIKED |
| | | | | | | | |
| SG,AV8-2 | SP | 00000 | | DECLARATIVE CLAUSE | $PSAD | | TOO |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | | FEW |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | | PEOPLE |
| | | | PA-C | PARTICIPLE | 1 $PM | | COMING |
| | | | CN-O | COMMA | 1 $, | | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | (THE) CONFERENCE |
| | | | | | ($V) | | WAS (NOT) |
| | | | | | ($C) | | (A GREAT) SUCCESS |
| | | | | | | | |
| | | | | | | ••• | YOU REALIZE THAT |
| SG,AV8-3 | AD | 00000 | | DECLARATIVE CLAUSE | -DD | | TOO |
| | | | DA- | ADVERB | 0 -D | | OFTEN |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | SHE |
| | | | | | ($V) | | CAME (TO SEE ME) |
| | | | | | | ••• | YOU KNOW THAT |
| SG,8G1-0 | GS | 00C00 | | DECLARATIVE CLAUSE | $SG | | BEING |
| | | | DB- | ADVERB AFTER BE1 | 3 $SGD | | HERE |
| | | | VS-X | PREDICATE | 1 $V | | IS |
| | | | | | ($C) | | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | WE |
| | | | | | ($V) | | WANT |
| | | | | | ($O) | | YOU (TO STAY) |
| | | | | | | | |
| SG,8G1-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | | BEING |
| | | | DB- | ADVERB AFTER BE1 | 3 $SGD | | HERE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | | AND |
| | | | GR-A | GERUND | 1 $SG | | WORKING(WITH YOU) |
| | | | VC-X | PREDICATE | 1 $V | | IS |
| | | | | | ($C) | | PLEASANT |
| | | | ZP-W | COMMA,AND,OR (DROP) | Y + | | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | I |
| | | | | | ($V) | | MUST LEAVE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,BG2-0 | GS | 00000 | | DECLARATIVE CLAUSE | ••• $SG | YOU KNOW THAT BEING |
| | | | AI-E | ADJECTIVE | 2 $SC | KIND |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | TRY |
| | | | | | ($OVR) | TO |
| | | | | | ($OV) | BE |
| | | | | | ($OC) | THIS |
| SG,BG2-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | (A) MISER |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | SELFISH |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | ARE (EXACTLY) |
| | | | | | ($C) | THAT |
| SG,BG2-2 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | BEING |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | (A) STUDENT |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | BEING |
| | | | | | ($SC) | (A) SCHOLAR |
| | | | VC-X | PREDICATE | 1 $V | ARE |
| | | | | | ($CA) | (DIFFERENT) |
| | | | | | ($C) | THINGS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | ARE |
| | | | | | ($C) | (THE) FORMER |
| SG,BG2-3 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | BEING |
| | | | AI-E | ADJECTIVE | 2 $SC | KIND |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | HELPING |
| | | | | | ($SO) | OTHERS |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| SG,BG3-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SGX | BEING |
| | | | PA-E | PARTICIPLE | 2 $SG | DISLIKED |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | SERIOUS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST CHANGE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,BG3-1 | GS | 00000 | | DECLARATIVE CLAUSE | ••• $SGX | YOU KNOW THAT BEING |
| | | | PA-E | PARTICIPLE | 2 $SG | LIKED |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SGX ($SG) | BEING ADMIRED |
| | | | VC-X | PREDICATE | 1 $V ($C) | IS IMPORTANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($C) | YOU ARE NEITHER (OF THESE) |
| SG,BR1-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | BEING |
| | | | CB- | ADVERB AFTER BE1 | 3 $PMPR ($PMPO) | IN (THE) COUNTRY |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PMPR) ($PMPO) | SEPARATED FROM (THE) SOCIETY |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | WE (SELDOM) HAVE VISITORS |
| SG,BR2-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | BEING |
| | | | AI-C | ADJECTIVE | 2 $PC | ACTIVE (IN THIS) |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | 0 $S ($V) ($.) | HE HAS SUCCEEDED . |
| SG,BR2-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | BEING |
| | | | N3-B | NOUN COMPLEMENT | 2 $PC | (A) MISANTHROPE |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PMPM) | LIVING ISOLATED |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | HE (SELDOM) HAS VISITORS |
| SG,BR2-2 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | BEING |
| | | | AI-C | ADJECTIVE | 2 $PC | ACTIVE |
| | | | XC-M | (A,B,) AND (C) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PO) | EXERCISING (HIS) AUTHORITY |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | HE REFORMED (THE) COUNTRY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,BR3-0 | PV | 00000 | | DECLARATIVE CLAUSE | ••• $PMX | YOU KNOW THAT BEING |
| | | | PA-C | PARTICIPLE | 1 $PM | TIRED |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | FEELING |
| | | | | | ($PC) | WEAK |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | RESTED |
| SG,CCO-0 | CO | 00000 | | DECLARATIVE CLAUSE | ••• -8R | YOU KNEW BEFORE |
| | | | SG-G | DECLARATIVE CLAUSE | 0 -8S | I |
| | | | | | (-8V) | CAME (HERE,) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | HAD BEEN WORKING (THERE) |
| SG,CCO-1 | CO | 00000 | | DECLARATIVE CLAUSE | ••• HE SAID : -8R | UNTIL |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | SHOULD SLEEP |
| SG,CIF-C | CO | 00000 | | DECLARATIVE CLAUSE | -8R | IF |
| | | | DA- | ADVERB | 1 -8PR | IN TROUBLE |
| | | | | | (-8PO) | |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST COME (TO ME) |
| SG,CIF-1 | CO | 00C00 | | DECLARATIVE CLAUSE | -8R | IF |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST COME (TO ME) |
| SG,CIF-2 | CO | 00000 | | DECLARATIVE CLAUSE | -8R | IF |
| | | | PA-A | PARTICIPLE | 1 -8V | TROUBLED (BY THIS) |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST COME (TO ME) |
| SG,CIF-3 | CO | 00000 | | DECLARATIVE CLAUSE | -8R | IF |
| | | | 1C-A | SUBJECT | 1 -8S | YOU |
| | | | UC-G | AUXILIARY VERB | 1 -8VX | CAN |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | SHOULD HELP |
| | | | | | ($O) | ME |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,CIF-4 | CO | 00000 | | DECLARATIVE CLAUSE | ••• | HE SAID |
| | | | | | -8R | IF |
| | | | SH-G | SUBJUNCTIVE CLAUSE | 0 -8S | IT |
| | | | | | (-8V) | WERE NOT |
| | | | | | (-8C) | CORRECT (,) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WOULD CRY |
| SG,CMA-0 | CM | 00000 | | DECLARATIVE CLAUSE | ••• | YOU KNOW THAT TODAY |
| | | | | | -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO SEE HIM) |
| SG,CO1-0 | CO | 00000 | | DECLARATIVE CLAUSE | ••• | I THINK |
| | | | | | $4R | THAT |
| | | | SG-C | DECLARATIVE CLAUSE | 1 $4S | YOU |
| | | | | | ($4V) | WILL SUCCEED |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | OBVIOUS |
| SG,CO1-1 | CO | 00000 | | DECLARATIVE CLAUSE | $4R | THAT |
| | | | SG-C | DECLARATIVE CLAUSE | 1 $4S | YOU |
| | | | | | ($4V) | WILL SUCCEED |
| | | | XC-W | (A,B,) AND (C) | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4R | THAT |
| | | | | | ($4S) | HE |
| | | | | | ($4V) | WILL FAIL |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | OBVIOUS |
| SG,CO2-0 | CO | 00000 | | DECLARATIVE CLAUSE | -8R | WHEN |
| | | | DA- | ADVERB | 1 -8PR | IN |
| | | | | | ( 8PO) | ROME |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | DO (AS ROMANS DO) |
| SG,CO2-1 | CO | 00C00 | | DECLARATIVE CLAUSE | -8R | WHEN |
| | | | AI-A | ADJECTIVE | 1 -8C | POSSIBLE |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST DO |
| | | | | | ($O) | IT (QUICKLY) |
| SG,CO2-2 | CO | 00000 | | DECLARATIVE CLAUSE | -8R | WHEN |
| | | | N3-A | NOUN COMPLEMENT | 1 -8C | (A)BOY(IN SCHOOL) |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WAS |
| | | | | | ($C) | (AN) ATHLETE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,CO2-3 | CO | 00000 |  | DECLARATIVE CLAUSE | ***  -8R | I THINK WHILE |
|  |  |  | PA-A | PARTICIPLE | 1 -8V | WORKING (THERE) |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | SHOULD (NOT) TALK |
| SG,CO2-4 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | WHEN |
|  |  |  | 1Z-A | SUBJECT | 1 -8S | YOU |
|  |  |  | UZ-G | AUXILIARY VERB | 1 -8VX | CAN |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | COME (TO SEE ME) |
| SG,CO2-5 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | WHEN |
|  |  |  | SG-G | DECLARATIVE CLAUSE | 1 -8S | YOU |
|  |  |  |  |  | (-8V) | WORK (,) |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | WORK (HARD) |
| SG,CO3-0 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | AS |
|  |  |  | VC-G | PREDICATE | 1 -8V | IS |
|  |  |  |  |  | (-8C) | USUAL (WITH HIM) |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
|  |  |  |  |  | ($V) | IS |
|  |  |  |  |  | ($C) | ABSENT (TODAY) |
| SG,CO4-0 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | HOWEVER |
|  |  |  | DA- | ADVERB | 1 -8D | HARD |
|  |  |  | SG-G | DECLARATIVE CLAUSE | 0 -8S | YOU |
|  |  |  |  |  | (-8V) | MAY WORK |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | WILL (NOT) SUCCEED |
| SG,CO4-1 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | HOWEVER |
|  |  |  | PA-A | PARTICIPLE | 1 -8V | TIRED |
|  |  |  | 1Z-A | SUBJECT | 1 -8S | YOU |
|  |  |  | FZ-G | BE3 (AUXILIARY) | 1 -8VX | MAY BE |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | MUST DO |
|  |  |  |  |  | ($O) | IT (QUICKLY) |
| SG,CO4-2 | CO | 00000 |  | DECLARATIVE CLAUSE | -8R | HOWEVER |
|  |  |  | AI-A | ADJECTIVE | 1 -8C | SAD |
|  |  |  | 1Z-A | SUBJECT | 1 -8S | YOU |
|  |  |  | CZ-G | COPULA | 1 -8V | MAY BE |
|  |  |  | CN-P | COMMA | 0 -, | , |
|  |  |  | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
|  |  |  |  |  | ($V) | MUST CONCEAL |
|  |  |  |  |  | ($O) | IT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,C05-0 | CV | 00000 | | DECLARATIVE CLAUSE | ••• -8C | I THINK / WHOEVER |
| | | | 1Z-A | SUBJECT | 1 -8S | YOU |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST OBEY |
| | | | | | ($O) | REGULATIONS |
| SG,C05-1 | SV | 00000 | | DECLARATIVE CLAUSE | -8S | WHATEVER |
| | | | VC-G | PREDICATE | 1 -8V | MAY HAPPEN |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST KEEP |
| | | | | | ($C) | CALM |
| SG,C06-0 | OV | 00000 | | DECLARATIVE CLAUSE | -80 | WHATEVER |
| | | | SF-G | DECLAR CL WITH NO OBJ | 0 -8S | YOU |
| | | | | | (-8V) | MAY DO |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST DO |
| | | | | | ($O) | IT (WILLINGLY) |
| SG,C07-0 | OV | 00000 | | DECLARATIVE CLAUSE | -80A | WHATEVER |
| | | | N5-A | MODIFIED OBJECT | 1 -80 | BOOK |
| | | | SF-G | DECLAR CL WITH NO OBJ | 0 -8S | YOU |
| | | | | | (-8V) | MAY READ |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST DO |
| | | | | | ($O) | IT (CAREFULLY) |
| SG,C07-1 | SV | 00000 | | DECLARATIVE CLAUSE | -8SA | WHATEVER |
| | | | 4Z-A | MODIFIED SUBJECT | 1 -8S | CHANCE |
| | | | VZ-G | PREDICATE | 1 -8V | MAY BE GIVEN |
| | | | | | (-80) | YOU |
| | | | CN-O | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST ACCEPT |
| | | | | | ($O) | IT |
| SG,C07-2 | CV | 00000 | | DECLARATIVE CLAUSE | -8CA | WHATEVER |
| | | | N6-A | MODIFIED COMPLEMENT | 1 -8C | WORK |
| | | | 1Z-A | SUBJECT | 1 -8S | IT |
| | | | CZ-G | COPULA | 1 -8V | MAY BE |
| | | | CN-P | COMMA | 0 -, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST ACCEPT |
| | | | | | ($O) | IT |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,CPR-0 | AD | 00000 | | DECLARATIVE CLAUSE | ••• -D | I THINK REGARDLESS |
| | | | OP- | PREPOSITIONAL PHR | 1 -DPR | OF |
| | | | | | (-DPO) | (MY OWN) OPINION |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | IRRESPECTIVE |
| | | | | | (-DPR) | OF |
| | | | | | (-DPO) | (YOUR) WILL |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THIS |
| | | | | | ($V) | MUST BE DONE |
| SG,GI1-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | SMOKING |
| | | | VS-X | PREDICATE | 1 $V | KILLS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST REALIZE |
| | | | | | ($O) | IT |
| SG,GI1-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | SMOKING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | DRINKING |
| | | | VC-X | PREDICATE | 1 $V | KILLS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | DO (NOT) BELIEVE |
| | | | | | ($O) | IT |
| SG,GI2-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | GROWING |
| | | | AI-E | ADJECTIVE | 2 $SC | OLD |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INEVITABLE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST APPRECIATE |
| | | | | | ($O) | (EACH) DAY |
| SG,GI2-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | BECOMING |
| | | | N3-F | NOUN COMPLEMENT | 2 $SC | (A) DOCTOR |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | DID (NOT) GIVE UP |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | *** | I THINK |
| SG,GI2-2 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | GROWING |
| | | | AI-E | ADJECTIVE | 2 $SC | OLD |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | FEELING |
| | | | | | ($SC) | WEAK |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | UNPLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | AM AVOIDING |
| | | | | | ($O) | THIS |
| SG,GI2-3 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | BECOMING |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | (A) SURGEON |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | OPERATING |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | ARE ADMIRED (NOW) |
| SG,GI3-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | APPLYING |
| | | | DP- | PREPOSITIONAL PHR | 3 $SGPR | FOR |
| | | | | | ($SGPO) | (A) JOB |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | (TIRING) WORK |
| SG,GI3-1 | GS | 00C00 | | DECLARATIVE CLAUSE | $SG | APPLYING |
| | | | DP- | PREPOSITIONAL PHR | 3 $SGPR | FOR |
| | | | | | ($SGPO) | (A) JOB |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | LOSING |
| | | | | | ($SO) | IT |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DEPRESSING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | AM (NOT) GOING (TO GIVE UP) |
| SG,GT1-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | PLAYING |
| | | | N2-E | OBJECT | 2 $SO | CARDS |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | PLAY (OFTEN) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,GT1-1 | GS | 00000 | | DECLARATIVE CLAUSE | ***$SG | I THINK PLAYING |
| | | | N2-E | OBJECT | 2 $SO | CARDS |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | WINNING |
| | | | | | ($SO) | (THE) GAME |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | DOES (NOT) HAPPEN (OFTEN) |
| | | | | | | |
| SG,GT1-2 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | SPEAKING |
| | | | XC-A | (A,B,) AND (C) | 2 $S+ | AND |
| | | | G1-A | GERUND OF VT1 | 1 $SG | WRITING |
| | | | | | ($SO) | ARMENIAN |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | (A) CHALLENGE |
| | | | | | | |
| SG,GT2-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | N2-E | OBJECT | 2 $SO | HELP |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | BORING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | NEEDS |
| | | | | | ($C) | HELP (BADLY) |
| | | | | | | |
| SG,GT2-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | GIVING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | N2-E | OBJECT | 2 $SO | HELP |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | ENCOURAGING |
| | | | | | ($SO) | HIM |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | SATISFYING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | CAN (NOT) CONTINUE |
| | | | | | ($O) | (THIS) WORK |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SG,GT3-0 | GS | 00000 | | | | ••• | I THINK |
| | | | | DECLARATIVE CLAUSE | | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HER |
| | | | AI-E | ADJECTIVE | 2 | $SC | HAPPY |
| | | | VS-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | I |
| | | | | | | ($V) | HAVE GIVEN UP |
| SG,GT3-1 | GS | 00000 | | DECLARATIVE CLAUSE | | $SG | HAVING |
| | | | AI-E | ADJECTIVE | 2 | $SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 | $SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 | $SO | DEVICES |
| | | | VS-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | IMPORTANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | IT |
| | | | | | | ($V) | IS (REALLY) |
| | | | | | | ($C) | (A) NECESSITY |
| SG,GT3-2 | GS | 00000 | | DECLARATIVE CLAUSE | | $SG | APPOINTING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HIM |
| | | | N3-E | NOUN COMPLEMENT | 2 | $SC | PRESIDENT |
| | | | VS-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | (THE NEXT) STEP |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | WE |
| | | | | | | ($V) | MUST SUCCEED |
| SG,GT3-3 | GS | 00000 | | DECLARATIVE CLAUSE | | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 | $SO | HER |
| | | | AI-E | ADJECTIVE | 2 | $SC | HAPPY |
| | | | XC-A | (A,B,) AND (C) | 1 | $+ | AND |
| | | | GR-A | GERUND | 1 | $SG | SHARING |
| | | | | | | ($SO) | (HER) JOY |
| | | | VC-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | IT |
| | | | | | | ($V) | IS |
| | | | | | | ($C) | (A) WAY (OF LIFE) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,GT3-4 | GS | 00000 | | DECLARATIVE CLAUSE | ●●● $SG | I THINK HAVING |
| | | | AI-E | ADJECTIVE | 2 $SC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 $SOA | THESE |
| | | | N5-E | MODIFIED OBJECT | 2 $SO | DEVICES |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | READYING |
| | | | | | ($SO) | THEM (FOR THE PUBLIC) |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | MUST BE DONE |
| SG,GT3-5 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | THEM |
| | | | N3-E | NOUN COMPLEMENT | 2 $SC | CONFORMERS |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | EXERCISING |
| | | | | | ($SO) | CONFORMITY |
| | | | VC-X | PREDICATE | 1 $V | WOULD BE |
| | | | | | ($C) | BORING |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | SG-X | DECLATATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | CONSTRAINS |
| | | | | | ($O) | (HUMAN) NATURE |
| SG,GT4-C | GS | 00CC0 | | DECLARATIVE CLAUSE | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 $SC | CHILDREN |
| | | | BV-T | INFINITE VERB | 2 $SCV | STUDY |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) TASK |
| | | | | | ($V) | IS |
| | | | | | ($C) | (NEVER) ENDING |
| SG,GT4-1 | GS | 00C00 | | DECLARATIVE CLAUSE | $SG | MAKING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | CHILDREN |
| | | | BV-T | INFINITE VERB | 2 $SCV | LEARN |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | TEACHING |
| | | | | | ($SO) | THEM |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | (A SATISFYING) JOB |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,GT5-0 | GS | 00000 | | DECLARATIVE CLAUSE | ••• $SG | I THINK SEEING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | LEAVES |
| | | | PA-T | PARTICIPLE | 2 $SCM | FALLING |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | SAD |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | NOTHING |
| | | | | | ($V) | CAN STOP |
| | | | | | ($O) | THEM |
| SG,GT5-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | SEEING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | LEAVES |
| | | | PA-T | PARTICIPLE | 2 $SCM | APPEARING |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | HEARING |
| | | | | | ($SO) | SQUIRRELS |
| | | | | | ($SCM) | CHATTERING |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SPRING |
| | | | | | ($V) | BRINGS |
| | | | | | ($O) | THIS (EACH YEAR) |
| SG,GT6-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | SPRING |
| | | | | | ($S5V) | HAS COME |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS (STILL) |
| | | | | | ($C) | (TOO) COLD |
| SG,GT6-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | SPRING |
| | | | | | ($S5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | WINTER |
| | | | | | ($S5V) | HAS GONE |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS (STILL) |
| | | | | | ($C) | (TOO) COLD |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,GT6-2 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | KNOWING |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | IT |
| | | | | | ($S5V) | CANNOT HAPPEN |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | VERIFYING |
| | | | | | ($SO) | IT |
| | | | VC-X | PREDICATE | 1 $V | ARE |
| | | | | | ($CA) | TWO (DIFFERENT) |
| | | | | | ($C) | THINGS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THIS |
| | | | | | ($V) | IS |
| | | | | | ($C) | (THE) PROBLEM |
| SG,GT6-3 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | KNOWING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | SPRING |
| | | | | | ($S5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $S+ | , |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | WINTER |
| | | | | | ($S5V) | HAS GONE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | LOOKING (FORWARD TO SUMMER) |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | PLEASANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | TIME |
| | | | | | ($V) | IS PASSING (TOO QUICKLY) |
| SG,GT7-0 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | TELLING |
| | | | NJ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | SHOULD LEAVE |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | (A) NECESSITY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,GT7-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | HE |
| | | | | | ($S5V) | SHOULD LEAVE |
| | | | ZC-W | (A,B,) AND (C) (DROP) | 2 $S+ | AND |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | SHOULD WORK |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | DIFFICULT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WILL BE |
| | | | | | ($C) | HAPPIER |
| | | | | | | |
| SG,GT7-2 | GS | 00C00 | | DECLARATIVE CLAUSE | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | SHOULD WORK |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | WATCHING |
| | | | | | ($SO) | (HIS) REACTION |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | BRINGS |
| | | | | | ($O) | (NO) RESULTS |
| | | | | | | |
| SG,GT7-3 | GS | 00CC0 | | DECLARATIVE CLAUSE | $SG | TELLING |
| | | | NQ-E | NOUN OBJECT | 2 $SO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $S5S | HE |
| | | | | | ($S5V) | SHOULD WORK |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $S, | , |
| | | | NC-D | NOUN CLAUSE | 2 $S5R | THAT |
| | | | | | ($S5S) | HE |
| | | | | | ($S5V) | SHOULD SAVE |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | WATCHING |
| | | | | | ($SO) | (HIS) REACTION |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | BRINGS |
| | | | | | ($O) | (NO) RESULTS |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,HVG-0 | GS | 00000 | | DECLARATIVE CLAUSE | ••• $SGX | I THINK HAVING |
| | | | IF-E | TO-INFINITIVE | 2 $SGR | TO |
| | | | | | ($SG) | WORK |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | INEVITABLE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THIS |
| | | | | | ($V) | AGGRAVATES |
| | | | | | ($O) | ME |
| SG,HVG-1 | GS | 00000 | | DECLARATIVE CLAUSE | $SGX | HAVING |
| | | | IF-E | TO-INFINITIVE | 2 $SGR | TO |
| | | | | | ($SG) | WORK |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | GR-A | GERUND | 1 $SG | ENJOYING |
| | | | | | ($SO) | IT |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (A) NECESSITY |
| | | | ZM-W | COMMA,AND,OR (DRCP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THIS |
| | | | | | ($V) | IS (NOT) |
| | | | | | ($O) | (A COMMON) THING |
| SG,HVP-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PMX | HAVING |
| | | | PF-C | PERFECT PARTICIPLE | 1 $PM | FINISHED |
| | | | | | ($PO) | (HIS) WORK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | FEELING |
| | | | | | ($PC) | HAPPY |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WENT (HOME) |
| SG,HVP-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PMX | HAVING |
| | | | IF-C | TO-INFINITIVE | 2 $PMR | TO |
| | | | | | ($PM) | WORK (HARD) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | FEELING |
| | | | | | ($PC) | UNHAPPY |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | LEFT |
| SG,IAD-0 | SV | 00000 | | DECLARATIVE CLAUSE | $4SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 2 $4S | SIDE |
| | | | VZ-C | PREDICATE | 2 $4V | WILL WIN |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (A) QUESTION |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,IAD-1 | SV | 00000 | | DECLARATIVE CLAUSE | $4SA | WHICH |
| | | | 4Z-A | MODIFIED SUBJECT | 2 $4S | SIDE |
| | | | VZ-C | PREDICATE | 2 $4V | WILL WIN |
| | | | CM-W | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4SA | WHICH |
| | | | | | ($4S) | SIDE |
| | | | | | ($4V) | WILL LOSE |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) QUESTION |
| | | | | | | |
| SG,IAD-2 | CV | 00000 | | DECLARATIVE CLAUSE | $4CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 2 $4C | IDEA |
| | | | 1Z-A | SUBJECT | 2 $4S | IT |
| | | | CZ-C | COPULA | 2 $4V | IS |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) QUESTION |
| | | | | | | |
| SG,IAD-3 | CV | 00000 | | DECLARATIVE CLAUSE | $4CA | WHOSE |
| | | | N6-A | MODIFIED COMPLEMENT | 2 $4C | IDEA |
| | | | 1Z-A | SUBJECT | 2 $4S | IT |
| | | | CZ-C | COPULA | 2 $4V | WAS |
| | | | CM-W | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4S | WHO |
| | | | | | ($4V) | STOLE |
| | | | | | ($4O) | IT |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) QUESTION |
| | | | | | | |
| SG,IAD-4 | OV | 00000 | | DECLARATIVE CLAUSE | $4OA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 $4O | BOOK |
| | | | 1Z-A | SUBJECT | 2 $4S | YOU |
| | | | WZ-C | PREDICATE WITH NO OBJ | 2 $4V | WILL READ (FIRST) |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | OBVIOUS |
| | | | | | | |
| SG,IAD-5 | OV | 00000 | | DECLARATIVE CLAUSE | $4OA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 $4O | BOOKS |
| | | | 1Z-A | SUBJECT | 2 $4S | YOU |
| | | | WZ-C | PREDICATE WITH NO OBJ | 2 $4V | WILL READ |
| | | | CM-W | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4OA | WHAT |
| | | | | | ($4O) | BOOKS |
| | | | | | ($4S) | YOU |
| | | | | | ($4V) | WILL ENJOY |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) QUESTION |
| | | | | | | |
| SG,IAD-6 | OV | 00000 | | DECLARATIVE CLAUSE | $SOA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 $SO | BOOK |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 $SVR | TO |
| | | | | | ($SV) | READ |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | OBVIOUS |

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|---|---|---|---|---|---|---|---|
| SG,IAD-7 | OV | 00000 | | DECLARATIVE CLAUSE | | ●●● | I THINK |
| | | | | | | $SOA | WHAT |
| | | | N5-A | MODIFIED OBJECT | 2 | $SO | IDEA |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 | $SVR | TO |
| | | | | | | ($SV) | ADOPT |
| | | | CM-A | COMMA,AND,OR | 1 | $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 | $SO | WHAT |
| | | | | | | ($SVR) | TO |
| | | | | | | ($SV) | REJECT |
| | | | VC-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | (THE) QUESTION |
| SG,IAV-0 | AD | 00000 | | DECLARATIVE CLAUSE | | $4D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 2 | $4+ | AND |
| | | | ID- | INTERROG ADVERB | 2 | $4D | WHERE |
| | | | 1Z-A | SUBJECT | 2 | $4S | HE |
| | | | VZ-C | PREDICATE | 2 | $4V | GOES |
| | | | VS-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | UNKNOWN |
| SG,IAV-1 | AD | 00000 | | DECLARATIVE CLAUSE | | $4D | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 2 | $4+ | AND |
| | | | ID- | INTERROG ADVERB | 2 | $4D | WHERE |
| | | | 1Z-A | SUBJECT | 2 | $4S | HE |
| | | | VZ-C | PREDICATE | 2 | $4V | GOES |
| | | | CM-W | COMMA,ANC,OR | 1 | $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 | $4S | WHO |
| | | | | | | ($4V) | REPLACES |
| | | | | | | ($4D) | HIM |
| | | | VC-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | UNKNOWN |
| SG,IAV-2 | AD | 00000 | | DECLARATIVE CLAUSE | | $SD | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 2 | $S+ | AND |
| | | | ID- | INTERROG ADVERB | 2 | $SD | HOW |
| | | | IF-I | TO-INFINITIVE | 1 | $SVR | TO |
| | | | | | | ($SV) | START |
| | | | VS-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | UNKNOWN |
| SG,IAV-3 | AD | 00000 | | DECLARATIVE CLAUSE | | $SD | WHEN |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 2 | $S+ | AND |
| | | | ID- | INTERROG ADVERB | 2 | $SD | WHERE |
| | | | IF-I | TO-INFINITIVE | 1 | $SVR | TO |
| | | | | | | ($SV) | START |
| | | | CM-A | COMMA,ANC,OR | 1 | $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 | $SD | WHEN |
| | | | | | | ($SVR) | TO |
| | | | | | | ($SV) | STOP |
| | | | VC-X | PREDICATE | 1 | $V | IS |
| | | | | | | ($C) | UNKNOWN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,IPN-0 | SV | 00000 | | | \*\*\* | I THINK |
| | | | | DECLARATIVE CLAUSE | $4S | WHO |
| | | | ZC-A | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IN- | INTERROG PRN SUBJECT | 2 $4SA | WHICH |
| | | | | | ($4S) | FRIEND (OF YOURS) |
| | | | VC-C | PREDICATE | 2 $4V | CAME |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) QUESTIUN |
| SG,IPN-1 | CV | 00000 | | DECLARATIVE CLAUSE | $4C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 2 $4C | WHAT |
| | | | 1Z-A | SUBJECT | 2 $4S | HE |
| | | | CZ-C | COPULA | 2 $4V | IS |
| | | | VS-X | PREDICATE | 1 $V | DOES(NOT)MATTER |
| SG,IPN-2 | SV | 00000 | | DECLARAT'VE CLAUSE | $4S | WHO |
| | | | ZC-A | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IN- | INTERROG PRN SUBJECT | 2 $4SA | WHICH |
| | | | | | ($4S) | FRIEND (OF YOURS) |
| | | | VC-C | PREDICATE | 2 $4V | CAME |
| | | | CM-W | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4O | WHAT |
| | | | | | ($4S) | THEY |
| | | | | | ($4V) | DID |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | IMPORTANT |
| SG,IPN-3 | CV | 00000 | | DECLARATIVE CLAUSE | $4C | WHO |
| | | | ZC-C | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IQ- | INTERROG PRN COMPL | 2 $4C | WHAT |
| | | | 1Z-A | SUBJECT | 2 $4S | HE |
| | | | CZ-C | COPULA | 2 $4V | IS |
| | | | CM-W | COMMA,ANC,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $4O | WHERE |
| | | | | | ($4S) | HE |
| | | | | | ($4V) | LIVES |
| | | | VC-X | PREDICATE | 1 $V | DOES(NOT)MATTER |
| SG,IPO-0 | OV | 00000 | | DECLARATIVE CLAUSE | $4O | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $4O | WHOM |
| | | | SF-C | DECLAR CL WITH NC OBJ | 1 $4S | YOU |
| | | | | | ($4V) | WATCH |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | IMPORTANT |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,IPO-1 | OV | 00000 | | DECLARATIVE CLAUSE | $40 | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 $4+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $40 | WHOM |
| | | | SF-C | DECLAR CL WITH NO OBJ | 1 $4S | YOU |
| | | | | | ($4V) | WATCH |
| | | | CM-W | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $40 | WHAT |
| | | | | | ($4S) | YOU |
| | | | | | ($4V) | REPORT |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | IMPORTANT |
| | | | | | | |
| SG,IPO-2 | OV | 00000 | | DECLARATIVE CLAUSE | $SO | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 $S+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $SO | WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 $SVR | TO |
| | | | | | ($SV) | WATCH |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | IMPORTANT |
| | | | | | | |
| SG,IPO-3 | OV | 00000 | | DECLARATIVE CLAUSE | $SO | WHAT |
| | | | ZC-B | (A,B,) AND (C) (DROP) | 2 $S+ | AND |
| | | | IO- | INTERROGATIVE PRN ACC | 2 $SO | WHOM |
| | | | IG-I | TO-INFIN WITH NO OBJ | 1 $SVR | TO |
| | | | | | ($SV) | WATCH |
| | | | CM-A | COMMA,AND,OR | 1 $+ | AND |
| | | | NC-C | NOUN CLAUSE | 1 $SO | WHAT |
| | | | | | ($SVR) | TO |
| | | | | | ($SV) | REPORT |
| | | | VC-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | (THE) SECRET |
| | | | | | | |
| SG,NAD-0 | AP | 00000 | | DECLARATIVE CLAUSE | -E | DAY |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | CN- | ADVERBIAL NOUN PHR | 0 -E | NIGHT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | AM THINKING |
| | | | | | | (OF YOU) |
| | | | | | | |
| SG,NNN-0 | SV | 01000 | | DECLARATIVE CLAUSE | $S | GARBAGE |
| | | | VX-X | PREDICATE | 1 $V | SMELLS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS |
| | | | | | ($C) | UNAVOIDABLE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,NNN-1 | SV | 01000 | | DECLARATIVE CLAUSE | $S | WOMEN |
| | | | AP- | POST-POSITIONAL ADJ | 2 $SA | ACTIVE (IN CLUBS) |
| | | | VX-X | PREDICATE | 1 $V | ARE |
| | | | | | ($C) | BUSY |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY |
| | | | | | ($V) | WASTE |
| | | | | | ($O) | (MUCH) TIME |
| SG,NNN-2 | SV | 01000 | | DECLARATIVE CLAUSE | $S | GARBAGE |
| | | | AC- | ADJECTIVE CLAUSE | 2 $S7S | THAT |
| | | | | | ($S7V) | IS |
| | | | | | ($S7C) | OLD |
| | | | VX-X | PREDICATE | 1 $V | SMELLS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | MUST BE BURIED |
| | | | | | | (QUICKLY) |
| SG,NNN-3 | SV | 00000 | | DECLARATIVE CLAUSE | $S | MARY |
| | | | XD-A | (A) AND (B) | 1 $+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | TOM |
| | | | VC-X | PREDICATE | 1 $V | CAME (OFTEN) |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | CAME (MORE) |
| SG,NNN-4 | SV | 00000 | | DECLARATIVE CLAUSE | $S | MARY |
| | | | CN-A | COMMA | 1 $, | , |
| | | | MC-A | NOUN SUBJECT | 1 $S | TOM |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | JUNE |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY |
| | | | | | ($V) | LEFT (EARLY) |
| SG,NNN-5 | SV | 01000 | | DECLARATIVE CLAUSE | $S | MARY |
| | | | CN-A | COMMA | 1 $, | , |
| | | | 1C-A | SUBJECT | 1 $S | (MY) CLASSMATE |
| | | | CN-A | COMMA | 1 $, | , |
| | | | VX-X | PREDICATE | 1 $V | DIED |
| | | | ZM-W | COMMA,ANC,OR (DRCP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THIS |
| | | | | | ($V) | WAS EXPECTED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,NNN-6 | SP | 00000 | | DECLARATIVE CLAUSE | ••• $PS | I THINK DOCTORS |
| | | | ZD-A | (A) AND (B) (DROP) | 2 $P+ | AND |
| | | | MC-B | NOUN SUBJECT | 2 $PS | DENTISTS |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | SCARCE |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (MANY) OFFERS |
| | | | | | ($V) | ARE GIVEN |
| | | | | | ($O) | THEM |
| SG,NNN-7 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | DOCTORS |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | MC-B | NOUN SUBJECT | 2 $PS | DENTISTS |
| | | | XC-A | (A,B,) AND (C) | 2 $P, | AND |
| | | | MC-B | NOUN SUBJECT | 2 $PS | NURSES |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | SCARCE |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (MANY) OFFERS |
| | | | | | ($V) | ARE GIVEN |
| | | | | | ($O) | THEM |
| SG,NNN-8 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | MARY |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | 1C-B | SUBJECT | 2 $PS | (MY) CLASSMATE |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING DIED |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | ARE DEPRESSED |
| SG,NO4-0 | SV | 00000 | | DECLARATIVE CLAUSE | $S | MORE |
| | | | VC-X | PREDICATE | 1 $V | CAN BE SAID (ABOUT IT) |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | MUST BE PREPARED (QUICKLY) |
| SG,NO4-1 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | MORE |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING BEEN SAID (ABOUT IT) |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | WOULD(RATHER)KEEP |
| | | | | | ($C) | QUIET |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SG,NOU-0 | SV | 00000 | | DECLARATIVE CLAUSE | | ••• | I THINK |
| | | | | DECLARATIVE CLAUSE | $SA | | STUDENT |
| | | | 7Z-A | SUBJECT MASTER | 1 $S | | ASSOCIATIONS |
| | | | VZ-X | PREDICATE | 1 $V | | ARE |
| | | | | | ($C) | | IMPORTANT |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | THEY |
| | | | | | ($V) | | MUST BE SUPPORTED |
| SG,NOU-1 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | | COMMUNICATION |
| | | | CN-D | COMMA | 2 $S, | | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 1 $SA | | ELECTRONIC |
| | | | | | ($S+) | | AND |
| | | | | | ($SA) | | ASTRONAUTICAL |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | | COMPANIES |
| | | | VZ-X | PREDICATE | 1 $V | | ARE GATHERED |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | IT |
| | | | | | ($V) | | IS (NOT) |
| | | | | | ($C) | | (A YEARLY) THING |
| SG,NOU-2 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | | COMMUNICATION |
| | | | 7C-B | SUBJECT MASTER | 2 $PS | | COMPANIES |
| | | | PA-C | PARTICIPLE | 1 $PM | | BEING GATHERED |
| | | | CN-O | COMMA | 1 $, | | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | (THE) MEETING |
| | | | | | ($V) | | IS |
| | | | | | ($C) | | (VERY) IMPORTANT |
| SG,NOU-3 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | | COMMUNICATION |
| | | | CN-D | COMMA | 3 $PS, | | , |
| | | | A1-A | ATTRIBUTIVE ADJ | 2 $PSA | | ELECTRONIC |
| | | | | | ($PS+) | | AND |
| | | | | | ($PSA) | | ASTRONAUTICAL |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | | COMPANIES |
| | | | PA-C | PARTICIPLE | 1 $PM | | BEING GATHERED |
| | | | CN-O | COMMA | 1 $, | | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | (THE) MEETING |
| | | | | | ($V) | | IS |
| | | | | | ($C) | | (VERY) IMPORTANT |
| SG,NUM-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | | TWO |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | | BOYS |
| | | | VZ-X | PREDICATE | 1 $V | | HAVE FAILED |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | | I |
| | | | | | ($V) | | AM |
| | | | | | ($C) | | UPSET |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I THINK |
| SG,NUM-1 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | TWO |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | BOYS |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING FAILED |
| | | | CN-O | COMMA | 1 $, | • |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) TEACHER |
| | | | | | ($V) | WAS (VERY) UPSET |
| | | | | | | |
| SG,NUM-2 | AP | 00000 | | DECLARATIVE CLAUSE | -EA | TWO |
| | | | ON- | ADVERBIAL NOUN PHR | 0 -E | DAYS (AGO) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | WENT (TO BOSTON) |
| SG,PI1-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | LAUGHED |
| | | | DQ- | PREPOSITION | 3 $PMPR | AT (BY EVERYONE) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING |
| | | | | | ($PO) | NONE (TO HELP HIM) |
| | | | CN-O | COMMA | 1 $, | • |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | IS HUMILIATED |
| SG,PI1-1 | SV | 00000 | | DECLARATIVE CLAUSE | $V | LAUGHED |
| | | | DQ- | PREPOSITION | 2 $VPR | AT |
| | | | FZ-X | BE3 (AUXILIARY) | 1 $VX | IS |
| | | | 1Z-A | SUBJECT | 1 $S | (A) MAN (WHO IS COWARDLY) |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND (OFTEN) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | IT |
| | | | | | ($V) | IS (NOT) |
| | | | | | ($C) | (HIS) FAULT |
| SG,PI3-0 | PV | 0000C | | DECLARATIVE CLAUSE | $PM | APPLIED |
| | | | DQ- | PREPOSITION | 3 $PMPR | FOR (BY FEW MEN) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | ATTRACTING |
| | | | | | ($PO) | NONE (OF THEM) |
| | | | CN-O | COMMA | 1 $, | • |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) POSITION |
| | | | | | ($V) | IS |
| | | | | | ($C) | (STILL) VACANT |
| SG,PI3-1 | SV | 00000 | | DECLARATIVE CLAUSE | $V | REFERRED |
| | | | DQ- | PREPOSITION | 2 $VPR | TO (VERY OFTEN) |
| | | | FZ-X | BE3 (AUXILIARY) | 1 $VX | IS |
| | | | 1Z-A | SUBJECT | 1 $S | (THE) WORK (BY HIM) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| SG,PRE-0 | PH | 00000 | | DECLARATIVE CLAUSE | | ••• | I THINK |
| | | | | | | /PR | IN |
| | | | NQ-G | NOUN OBJECT | 1 | /PO | (THE) OFFICE |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | · | DA- | ADVERB | 0 | /PR | AT |
| | | | | | | (/PO) | HOME |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | HE |
| | | | | | | ($V) | WORKS(INCESSANTLY) |
| SG,PRE-1 | PH | 00000 | | DECLARATIVE CLAUSE | | /PR | AFTER |
| | | | GR-B | GERUND | 1 | /POG | GETTING (UP) |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 | /+ | AND |
| | | | DA- | ADVERB | 0 | /PR | BEFORE |
| | | | | | | (/POG) | GOING (TO BED) |
| | | | SG-X | SENTENCE | Y | $S | I |
| | | | | | | ($V) | BRUSH |
| | | | | | | ($O) | (MY) TEETH |
| SG,PRE-2 | PH | 00000 | | DECLARATIVE CLAUSE | | /PR | WITHIN |
| | | | CM-F | COMMA,AND,OR | 1 | /P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 0 | /PR | OUTSIDE |
| | | | | | | (/PO) | (THE) COUNTRY |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $D | THERE |
| | | | | | | ($V) | AROSE |
| | | | | | | ($S) | (VARIOUS) PROBLEMS |
| SG,PRE-3 | PH | 00000 | | DECLARATIVE CLAUSE | | $PR | IN |
| | | | GR-B | GERUND | 2 | $POG | EATING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | $+ | AND |
| | | | DA- | ADVERB | 1 | $PR | IN |
| | | | | | | ($POG) | SLEEPING |
| | | | IZ-X | COMPLETE VI | 1 | $V | EXISTS |
| | | | MZ-A | NOUN SUBJECT | 1 | $S | PLEASURE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y | + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | IT |
| | | | | | | ($V) | IS (OFTEN) |
| | | | | | | ($O) | (WASTED) TIME |
| SG,PRE-4 | PH | 00000 | | DECLARATIVE CLAUSE | | $PR | IN |
| | | | NQ-G | NOUN OBJECT | 2 | $PO | (EACH) CHAPTER |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 1 | $+ | AND |
| | | | DA- | ADVERB | 1 | $PR | (ALSO) IN |
| | | | | | | ($PO) | (THE) APPENDIX |
| | | | IZ-X | COMPLETE VI | 1 | $V | IS INCLUDED |
| | | | MZ-A | NOUN SUBJECT | 1 | $S | (A) BIBLIOGRAPHY |
| | | | CM-W | COMMA,ANC,OR | Y | + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y | $S | YOU |
| | | | | | | ($V) | MUST USE |
| | | | | | | ($O) | (THE SAME) METHOD |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,PRE-5 | PH | 00000 | | DECLARATIVE CLAUSE | ••• $PR | I THINK INSIDE |
| | | | CM-F | COMMA,AND,OR | 2 $P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 1 $PR | OUTSIDE |
| | | | | | ($PO) | (THE) COUNTRY |
| | | | IZ-X | COMPLETE VI | 1 $V | AROSE |
| | | | MZ-A | NOUN SUBJECT | 1 $S | (VARIOUS) PROBLEMS |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | NONE (OF THEM) |
| | | | | | ($V) | WERE |
| | | | | | ($C) | SERIOUS |
| SG,PRN-0 | SV | 01000 | | DECLARATIVE CLAUSE | $S | THEY |
| | | | VX-X | PREDICATE | 1 $V | GO |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE (USUALLY) |
| | | | | | ($V) | REMAINS |
| SG,PRN-1 | SV | 01000 | | DECLARATIVE CLAUSE | $S | WE |
| | | | AC- | ADJECTIVE CLAUSE | 2 $S7S | WHO |
| | | | | | ($S7V) | ARE |
| | | | | | ($S7C) | READY (TO DIE) |
| | | | VX-X | PREDICATE | 1 $V | SALUTE |
| | | | | | ($O) | YOU |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | WILL RETURN (SOON) |
| SG,PRN-2 | SV | 00000 | | DECLARATIVE CLAUSE | $S | THEY |
| | | | XD-A | (A) AND (B) | 1 $+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | JOHN |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | STAYED (HOME) |
| SG,PRN-3 | SV | 00000 | | DECLARATIVE CLAUSE | $S | THEY |
| | | | CN-A | COMMA | 1 $, | , |
| | | | MC-A | NOUN SUBJECT | 1 $S | JOHN |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | MC-A | NOUN SUBJECT | 1 $S | MARY |
| | | | VC-X | PREDICATE | 1 $V | CAME |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | STAYED (HOME) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,PRN-4 | SV | 01000 | | DECLARATIVE CLAUSE | ••• $S | I THINK WE |
| | | | CN-A | COMMA | 1 $, | , |
| | | | 1C-A | SUBJECT | 1 $S | THE AMERICANS |
| | | | CN-A | COMMA | 1 $, | , |
| | | | VX-X | PREDICATE | 1 $V | LOVE |
| | | | | | ($0) | PEACE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE (OFTEN) |
| | | | | | ($V) | (DO NOT) REALIZE |
| SG,PRN-5 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | THEY |
| | | | ZD-A | (A) AND (B) (DROP) | 2 $P+ | AND |
| | | | MC-B | NOUN SUBJECT | 2 $PS | JOHN |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING DONE |
| | | | | | ($PO) | (THE RIGHT) THING |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | CAN TRUST |
| | | | | | ($0) | THEM |
| SG,PRN-6 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | THEY |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | MC-B | NOUN SUBJECT | 2 $PS | JOHN |
| | | | XC-A | (A,B,) AND (C) | 2 $P+ | AND |
| | | | MC-B | NOUN SUBJECT | 2 $PS | MARY |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING DONE |
| | | | | | ($PO) | (THE RIGHT) THING |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | CAN TRUST |
| | | | | | ($0) | THEM |
| SG,PRN-7 | SP | 00000 | | DECLARATIVE CLAUSE | $PS | THEY |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | 1C-B | SUBJECT | 2 $PS | (THE) RUSSIANS |
| | | | CN-A | COMMA | 2 $P, | , |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING SAID |
| | | | | | ($PO) | NO |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | WE |
| | | | | | ($V) | TOOK |
| | | | | | ($0) | (A DECISIVE)STEP |
| SG,PT1-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | WOUNDED |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | SOLDIERS |
| | | | VZ-X | PREDICATE | 1 $V | ARE |
| | | | | | ($C) | MISERABLE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | BUT (SOMETIMES) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY |
| | | | | | ($V) | ARE |
| | | | | | ($C) | (MORE) FORTUNATE (IN THE END) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,PT1-1 | SV | 00000 | | DECLARATIVE CLAUSE | \*\*\* $V | I THINK ATTACHED (TO THE TEXT) |
| | | | FZ-X | BE3 (AUXILIARY) | 1 $VX | IS |
| | | | 1Z-A | SUBJECT | 1 $S | (A) BIBLIOGRAPHY |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST REMEMBER |
| | | | | | ($O) | THIS |
| SG,PT1-2 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | WOUNDED |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | SOLDIERS |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING LIVED |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) DOCTORS |
| | | | | | ($V) | ARE HELPING |
| | | | | | ($O) | THEM |
| SG,PT1-3 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | WOUNDED |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | BLEEDING |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | STARTED |
| | | | | | ($OG) | CRYING |
| SG,PT2-C | PV | 00000 | | DECLARATIVE CLAUSE | $PM | GIVEN |
| | | | N2-C | OBJECT | 2 $PO | (THE) BOOK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | SATISFIED |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) MAN |
| | | | | | ($V) | LEFT |
| | | | | | ($O) | (THE) LIBRARY |
| SG,PT3-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | MADE |
| | | | AI-C | ADJECTIVE | 2 $PC | HAPPY (BY IT) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | THANKING |
| | | | | | ($PO) | ME |
| | | | CN-C | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WENT (AWAY) |
| SG,PT3-1 | PV | 00C00 | | DECLARATIVE CLAUSE | $PM | APPOINTEC |
| | | | N3-C | NOUN COMPLEMENT | 2 $PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | GIVEN |
| | | | | | ($PO) | (MORE) AUTHORITY |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | (THE) MAN |
| | | | | | ($V) | TOOK |
| | | | | | ($O) | (A DECISIVE) STEP |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,PT4-0 | PV | 00000 | | DECLARATIVE CLAUSE | ••• $PM | I THINK MADE |
| | | | IF-R | TO-INFINITIVE | 2 $PCVR | TO |
| | | | | | ($PCV) | WORK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | OVERWORKING |
| | | | | | ($PO) | HIMSELF |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | BECAME |
| | | | | | ($C) | SICK |
| SG,PT5-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | FOUND |
| | | | PA-R | PARTICIPLE | 2 $PCM | CRYING |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | IDENTIFIED |
| | | | | | | (AS THE LOST BOY) |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WAS TAKEN (HOME) |
| SG,PT7-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | TOLD |
| | | | NC-D | NOUN CLAUSE | 2 $P5R | THAT |
| | | | | | ($P5S) | A |
| | | | | | ($P5V) | IS |
| | | | | | ($P5C) | B |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | GETTING |
| | | | | | ($PO) | (THE) CLUE |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | (SOON) SOLVED |
| | | | | | ($O) | (THE) PROBLEM |
| SG,PT7-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $P5S | A |
| | | | | | ($P5V) | IS |
| | | | | | ($P5C) | B |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $P, | , |
| | | | NC-D | NOUN CLAUSE | 2 $P5R | THAT |
| | | | | | ($P5S) | C |
| | | | | | ($P5V) | IS |
| | | | | | ($P5C) | D |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | GETTING |
| | | | | | ($PO) | (THE) CLUE |
| | | | CN-0 | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | (SOON) SOLVED |
| | | | | | ($O) | (THE) PROBLEM |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE SAID THAT |
| SG,RI1-0 | SV | 00000 | | DECLARATIVE CLAUSE | $SA | TALKING |
| | | | 4Z-A | MODIFIED SUBJECT | 1 $S | PARRCTS |
| | | | VZ-X | PREDICATE | 1 $V | ARE |
| | | | | | ($VD) | HERE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | THEY |
| | | | | | ($V) | CAN MIMICK |
| | | | | | ($O) | YOU |
| | | | | | | |
| SG,RI1-1 | SP | 00000 | | DECLARATIVE CLAUSE | $PSA | TALKING |
| | | | 4C-B | MODIFIED SUBJECT | 2 $PS | PARROTS |
| | | | PA-C | PARTICIPLE | 1 $PM | HAVING SPOKEN |
| | | | | | ($PO) | ENGLISH |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WERE SURPRISED |
| | | | | | ($.) | . |
| | | | | | | |
| SG,RI1-2 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | ARRIVING (HOME) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | OPENING |
| | | | | | ($PC) | (THE) DOOR |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | FOUND |
| | | | | | ($O) | (THE) HCUSE |
| | | | | | ($C) | EMPTY |
| - - - - | - | - - - | - - - | - - - - - - - - - - - - - - | - - - - - - | - - - |
| | | | | | | |
| SG,RI2-0 | PV | 00COC | | DECLARATIVE CLAUSE | $PM | BECOMING |
| | | | AI-C | ADJECTIVE | 2 $PC | SICK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | FEELING |
| | | | | | ($PC) | WEAK |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | WENT (HOME) |
| | | | | | | |
| SG,RI2-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | BECOMING |
| | | | N3-C | NOUN COMPLEMENT | 2 $PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | GIVEN |
| | | | | | ($PO) | (MORE) AUTHORITY |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | REFORMED |
| | | | | | ($O) | (THE) COMPANY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,RI3-0 | PV | 00000 | | DECLARATIVE CLAUSE | ●●● $PM | HE SAID THAT APPLYING |
| | | | CP- | PREPOSITIONAL PHR | 3 $PMPR ($PMPO) | FOR (THE) JOB |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PO) | EXHIBITING (HIS) ABILITY |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | HE GOT IT |
| SG,RT1-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | LOSING |
| | | | N2-C | OBJECT | 2 $PO | (THE) MONEY |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | SCOLDED (BY ME) |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) | JOHN WAS UPSET |
| SG,RT2-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | GIVING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | HIM |
| | | | N2-C | OBJECT | 2 $PO | (A) TEST |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PO) | FINDING (HIS) ABILITIES |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | HE ACCEPTED HIM |
| SG,RT3-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | FINDING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | HIM |
| | | | AI-C | ADJECTIVE | 2 $PC | SICK |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING UPSET |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) | HE SENT(FOR A DOCTOR) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE SAID THAT |
| SG,RT3-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | HAVING |
| | | | AI-C | ADJECTIVE | 2 $PC | AVAILABLE |
| | | | AR-C | ARTICLE | 2 $POA | THESE |
| | | | N5-C | MODIFIED OBJECT | 2 $PO | DEVICES |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | READYING |
| | | | | | ($PO) | THEM |
| | | | | | | (FOR THE PUBLIC) |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | SERVED |
| | | | | | ($O) | (HIS) COUNTRY |
| | | | | | ($.) | . |
| | | | | | | |
| SG,RT3-2 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | APPOINTING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | HIM |
| | | | N3-C | NOUN COMPLEMENT | 2 $PC | PRESIDENT |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | RETIRING (HIMSELF) |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | LIVED |
| | | | | | ($O) | (A QUIET) LIFE |
| | | | | | | |
| SG,RT4-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | LETTING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | (THE) CHILDREN |
| | | | BV-R | INFINITE VERB | 2 $PCV | GO |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | SENDING |
| | | | | | ($PO) | (HIS) WIFE (OUT) |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | ENJOYED |
| | | | | | ($O) | (THE) SERENITY |
| | | | | | | |
| SG,RT5-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | SEEING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | (THE) CHILD |
| | | | PA-R | PARTICIPLE | 2 $PCM | CRYING |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | APPEASING |
| | | | | | ($PO) | IT |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | SHE |
| | | | | | ($V) | WENT (HOME) |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | HE SAID THAT |
| SG,RT6-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | REALIZING |
| | | | NC-D | NOUN CLAUSE | 2 $P5R | THAT |
| | | | | | ($P5S) | A |
| | | | | | ($P5V) | IS |
| | | | | | ($P5C) | B |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | GETTING |
| | | | | | ($PO) | CLUES |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | SOLVED |
| | | | | | ($O) | (THE) PROBLEM |
| | | | | | | |
| SG,RT6-1 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | REALIZING |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $P5S | SHE |
| | | | | | ($P5V) | WAS |
| | | | | | ($P5C) | SICK |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $P, | . |
| | | | NC-D | NOUN CLAUSE | 2 $P5R | THAT |
| | | | | | ($P5S) | HE |
| | | | | | ($P5V) | HAD TREATED |
| | | | | | ($P5O) | HER (ROUGHLY) |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | FEELING |
| | | | | | ($PC) | SORRY (FOR HER) |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | BEGGED |
| | | | | | ($O) | (HER) PARDON |
| | | | | | | |
| SG,RT7-0 | PV | 00000 | | DECLARATIVE CLAUSE | $PM | TELLING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | HIM |
| | | | NC-D | NOUN CLAUSE | 2 $P5R | THAT |
| | | | | | ($P5S) | HE |
| | | | | | ($P5V) | WOULD FAIL |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM | IRRITATING |
| | | | | | ($PO) | HIM |
| | | | CN-O | COMMA | 1 $, | . |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | I |
| | | | | | ($V) | LOST |
| | | | | | ($O) | (A) FRIEND |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,RT7-1 | PV | 00000 | | DECLARATIVE CLAUSE | ••• $PM | HE SAID THAT TELLING |
| | | | NQ-C | NOUN OBJECT | 2 $PO | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | 2 $P5S ($P5V) | HE WOULD FAIL |
| | | | ZM-W | COMMA,AND,OR (DROP) | 2 $P, | , |
| | | | NC-D | NOUN CLAUSE | 2 $P5R ($P5S) ($P5V) | THAT I WOULD SUCCEED |
| | | | ZC-M | (A,B,) AND (C) (DROP) | 1 $+ | AND |
| | | | PA-C | PARTICIPLE | 1 $PM ($PO) | IRRITATING HIM |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | I LOST (A) FRIEND |
| SG,TIT-O | TS | 00000 | | DECLARATIVE CLAUSE | $S | IT |
| | | | VS-X | PREDICATE | 1 $V ($C) | IS WRONG |
| | | | GR-A | GERUND | 1 $SG ($SO) | TELLING (A) LIE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | YOU MUST OVERCOME (THIS) HABIT |
| SG,TIT-1 | TS | 00000 | | DECLARATIVE CLAUSE | $S | IT |
| | | | VS-X | PREDICATE | 1 $V ($C) | IS WRONG |
| | | | IF-I | TO-INFINITIVE | 1 $SVR ($SV) ($SO) | TO TELL (A) LIE |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | YOU MUST OVERCOME (THIS) HABIT |
| SG,TIT-2 | TS | 00000 | | DECLARATIVE CLAUSE | $S | IT |
| | | | VS-X | PREDICATE | 1 $V ($C) | IS TRUE |
| | | | NE-C | SUBJUNCTIVE NOUN CL | 1 $4R ($5S) ($5V) | THAT YOU HAVE WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($O) | YOU WILL RECEIVE (A) TROPHY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,TIT-3 | TS | 00000 | | DECLARATIVE CLAUSE | ••• $S | HE SAID THAT IT |
| | | | VS-X | PREDICATE | 1 $V | IS |
| | | | | | ($C) | TRUE |
| | | | SG-C | DECLARATIVE CLAUSE | 1 $5S | YOU |
| | | | | | ($5V) | HAVE WON |
| | | | ZM-W | COMMA,AND,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | WILL RECEIVE |
| | | | | | ($O) | (A) TROPHY |
| SG,TIT-4 | TP | 00000 | | DECLARATIVE CLAUSE | $PS | IT |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | WRONG |
| | | | GR-A | GERUND | 2 $PSG | TELLING |
| | | | | | ($PSO) | (A) LIE |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST BE |
| | | | | | ($C) | HONEST |
| SG,TIT-5 | TP | 00000 | | DECLARATIVE CLAUSE | $PS | IT |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | WRONG |
| | | | IF-I | TO-INFINITIVE | 2 $PSVR | TO |
| | | | | | ($PSV) | TELL |
| | | | | | ($PSO) | (A) LIE |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | YOU |
| | | | | | ($V) | MUST BE |
| | | | | | ($C) | HONEST |
| SG,TIT-6 | TP | 00000 | | DECLARATIVE CLAUSE | $PS | IT |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | NATURAL |
| | | | NE-C | SUBJUNCTIVE NOUN CL | 2 $P4R | THAT |
| | | | | | ($P4S) | HE |
| | | | | | ($P4V) | BE |
| | | | | | ($P4C) | SUCCESSFUL |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | IS |
| | | | | | ($C) | (NOT) SURPRISED |
| SG,TIT-7 | TP | 00000 | | DECLARATIVE CLAUSE | $PS | IT |
| | | | PA-C | PARTICIPLE | 1 $PM | BEING |
| | | | | | ($PC) | NATURAL |
| | | | SG-C | DECLARATIVE CLAUSE | 2 $P4S | HE |
| | | | | | ($P4V) | IS |
| | | | | | ($P4C) | SUCCESSFUL |
| | | | CN-O | COMMA | 1 $, | , |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S | HE |
| | | | | | ($V) | IS |
| | | | | | ($C) | (NOT) AFRAID |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| SG,TOI-0 | DI | 00000 | | DECLARATIVE CLAUSE | *** -DVR | HE SAID THAT TO |
| | | | BV-M | INFINITE VERB | 0 -DV (-DO) | ACCOMPLISH SOMETHING |
| | | | ZC-I | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | IF-M | TO-INFINITIVE | 0 -DVR ($CV) | TO BE RECOGNIZED (IN THIS FIELD) |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) | /OU MUST WORK (HARD) |
| SG,TOI-1 | IS | 00000 | | DECLARATIVE CLAUSE | $SVR | TO |
| | | | BV-I | INFINITE VERB | 1 $SV | ERR |
| | | | VS-X | PREDICATE | 1 $V ($C) | IS HUMAN |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($C) | WE AGREE WITH HIM |
| SG,TOI-2 | IS | 00000 | | DECLARATIVE CLAUSE | $SVR | TO |
| | | | BV-I | INFINITE VERB | 1 $SV | ERR |
| | | | XC-A | (A,B,) AND (C) | 1 $+ | AND |
| | | | IF-I | TO-INFINITIVE | 1 $SVR ($SV) | TO IMPROVE |
| | | | VC-X | PREDICATE | 1 $V ($C) | IS HUMAN |
| | | | ZM-W | COMMA,ANC,OR (DROP) | Y + | AND |
| | | | SG-X | DECLARATIVE CLAUSE | Y $S ($V) ($C) | YOU MUST REMEMBER THIS |
| TX,AUX-0 | PR | 10010 | | SIMPLE-OBJ VT | *** VX | I ADMIRE AND WILL |
| | | | B1-A | INFINITE VT1 | 0 V (O) | TRUST YOU (FOREVER) |
| TX,AV1-0 | AD | 00100 | | SIMPLE-OBJ VT | -D | HEARTILY |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | SINCERELY |
| | | | TX-X | SIMPLE-OBJ VT | Y V (O) | TRUST YOU |
| TX,AV5-0 | AD | 00100 | | SIMPLE-OBJ VT | -DO | VERY |
| | | | DA- | ADVERB | 0 -D | SINCERELY |
| | | | TX-X | SIMPLE-OBJ VT | Y V (O) | TRUST YOU |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | I ADMIRE AND |
| TX,CMA-0 | IN | 00100 | | SIMPLE-OBJ VT | -, | , |
| | | | CA- | ADVERB | 0 -D | (VERY) SINCERELY |
| | | | CN-R | COMMA | 0 -, | , |
| | | | TX-X | SIMPLE-OBJ VT | Y V | TRUST |
| | | | | | (0) | YOU |
| TX,CMA-1 | IN | 00100 | | SIMPLE-OBJ VT | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | (FRANKLY) SPEAKING |
| | | | CN-R | COMMA | 0 -, | , |
| | | | TX-X | SIMPLE-OBJ VT | Y V | TRUST |
| | | | | | (0) | YOU |
| TX,HAV-0 | PR | 10010 | | SIMPLE-OBJ VT | VX | HAVE |
| | | | Q1-A | PERF PARTICIPLE VT1 | 0 V | (ALWAYS) ADMIRED |
| | | | | | (0) | YOU |
| TX,HAV-1 | PR | 10010 | | SIMPLE-OBJ VT | VX | HAVE |
| | | | I1-A | TO-INFIN VT1 | 0 VR | TO |
| | | | | | (V) | TRUST |
| | | | | | (0) | YOU |
| TX,VI1-0 | PR | 10010 | | SIMPLE-OBJ VT | V | BELIEVE |
| | | | CP- | PREPOSITIONAL PHR | 1 VPR | IN |
| | | | | | (VPO) | YOU |
| TX,VI1-1 | PR | 10110 | | SIMPLE-OBJ VT | V | BELIEVE |
| | | | CQ- | PREPOSITION | 1 VPR | IN |
| | | | CM-N | COMMA,ANC,OR | 0 + | AND |
| | | | TX-X | SIMPLE-OBJ VT | 0 V | CONFIDE |
| | | | | | (VPR) | IN |
| | | | | | (VPO) | YOU |
| TX,VI3-0 | PR | 10010 | | SIMPLE-OBJ VT | V | DEPEND |
| | | | DP- | PREPOSITICNAL PHR | 1 VPR | UPCN |
| | | | | | (VPO) | YOU |
| TX,VI3-1 | PR | 10110 | | SIMPLE-OBJ VT | V | DEPEND |
| | | | CQ- | PREPOSITICN | 1 VPR | UPON |
| | | | CM-N | COMMA,ANC,OR | 0 + | AND |
| | | | TX-X | SIMPLE-OBJ VT | 0 V | CONFIDE |
| | | | | | (VPR) | IN |
| | | | | | (VPO) | YOU |
| TX,VT1-0 | PR | 10010 | | SIMPLE-OBJ VT | V | TRUST |
| | | | N2-A | OBJECT | 0 0 | YOU |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| TX,VT1-1 | PR | 10110 | | SIMPLE-OBJ VT | ***<br>V | I ADMIRE AND<br>TRUST |
| | | | CM-N | COMMA,AND,OR | O + | AND |
| | | | TX-X | SIMPLE-OBJ VT | O V | CONFIDE |
| | | | | | (VPR) | IN |
| | | | | | (VPO) | YOU |
| UX,AUX-0 | PR | 10110 | | AUXILIARY VERB | ***<br>VX | DO IT IF YOU CAN<br>CAN |
| | | | ZM-N | COMMA,AND,OR (DROP) | 1 V+ | AND |
| | | | UX-X | AUXILIARY VERB | O VX | WILL |
| UX,AV1-0 | AD | 00100 | | AUXILIARY VERB | -D | REALLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | CA- | ADVERB | O -D | ACTUALLY |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN |
| UX,AV3-0 | AB | 00100 | | AUXILIARY VERB | -DD | AS |
| | | | DA- | ADVERB | O -D | WELL |
| | | | DA- | ADVERB | O -D8R | AS |
| | | | | | (-D8S) | I |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN |
| UX,AV5-0 | AD | 00100 | | AUXILIARY VERB | ***<br>***<br>-DD | GIVE UP DOING IT<br>IF YOU<br>NO |
| | | | DA- | ADVERB | O -D | LONGER |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN |
| UX,AV8-0 | AD | 00100 | | AUXILIARY VERB | ***<br>-D | WHAT EXAMINATIONS<br>TOO (OFTEN) |
| | | | UX-X | AUXILIARY VERB | Y VX | DID<br>YOU FAIL = |
| UX,CMA-0 | IN | 00100 | | AUXILIARY VERB | ***<br>-, | DO IT IF YOU<br>, |
| | | | CA- | ADVERB | O -D | REALLY |
| | | | CN-R | COMMA | O -, | , |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN |
| UX,CMA-1 | IN | 00100 | | AUXILIARY VERB | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | (HONESTLY)SPEAKING |
| | | | CN-R | COMMA | O -, | , |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| UX,PRE-0 | PH | 00100 | | AUXILIARY VERB | ••• /PR | WHAT BOOKS ON |
| | | | NQ-G | NOUN OBJECT | 1 /PO | ANALYSIS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | ON |
| | | | | | (/PO) | SYNTHESIS |
| | | | UX-X | AUXILIARY VERB | Y VX | COULD YOU READ= |
| UX,PRE-1 | PH | 00100 | | AUXILIARY VERB | /PR | ON |
| | | | GR-B | GERUND | 1 /POG | ANALYZING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | ON |
| | | | | | (/POG) | SYNTHESIZING |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN YOU RECOMMEND= |
| UX,PRE-2 | PH | 0010C | | AUXILIARY VERB | /PR | BY |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 0 /PR | FOR |
| | | | | | (/PO) | MYSELF |
| | | | UX-X | AUXILIARY VERB | Y VX | CAN I KEEP= |
| VX,AAA-0 | AP | 00100 | | PREDICATE | ••• -EA | THE MAN WHOM I SAW LAST |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | NIGHT |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,ADP-0 | AP | 00100 | | PREDICATE | -EA | SUCH |
| | | | CN- | ADVERBIAL NOUN PHR | 0 -E | (A LONG) TIME |
| | | | VX-X | PREDICATE | Y V | IS TIRED |
| VX,AUX-0 | PR | 10110 | | PREDICATE | VX | COULDN=T |
| | | | BV-A | INFINITE VERB | 0 V | SPEAK |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | COULDN=T HEAR |
| VX,AV1-0 | AD | 00100 | | PREDICATE | -D | NOW |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | THEN |
| | | | VX-X | PREDICATE | Y V | SMOKED |
| VX,AV2-0 | AD | 00100 | | PREDICATE | -D | ON |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | OFF |
| | | | VX-X | PREDICATE | Y V | DIED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| VX,AV3-0 | AB | 00100 | | PREDICATE | ***  -DD | THE MAN WHOM I SAW AS |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8S) | I |
| | | | | | (-D8VX) | COULD |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV3-1 | AB | 00100 | | PREDICATE | -DD | AS |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | C3-C | AS (OF COMPARISON) | 0 -D8R | AS |
| | | | 1Z-A | SUBJECT | 2 -D8S | I |
| | | | VZ-G | PREDICATE | 2 -D8V | CAME (HERE) |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV5-0 | AD | 00100 | | PREDICATE | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV6-0 | AB | 00100 | | PREDICATE | -D | MORE (OFTEN) |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV6-1 | AB | 00100 | | PREDICATE | -D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8S) | ANYONE (ELSE) |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV6-2 | AB | 00100 | | PREDICATE | -D | MORE (OFTEN) |
| | | | C8-C | THAN (OF COMPARISON) | 0 -D8R | THAN |
| | | | N2-X | OBJECT | 2 -D8O | ANYONE (ELSE) |
| | | | VX-X | PREDICATE | Y V | DIED |
| VX,AV8-0 | AD | 00100 | | PREDICATE | ***  -D | A MAN WHO WALKS TOO (LONG) |
| | | | VX-X | PREDICATE | Y V | IS TIRED |
| VX,BE1-0 | PR | 11010 | | PREDICATE | ***  V | THE MAN IS |
| | | | DB- | ADVERB AFTER BE1 | 1 VPR | AT |
| | | | | | (VPO) | HOME |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | IS STUDYING |
| VX,BE2-0 | PR | 1101C | | PREDICATE | ***  V | THE FACT IS |
| | | | AI-A | ADJECTIVE | 0 C | AVAILABLE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | IS |
| | | | | | (C) | TRUE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| VX,BE2-1 | PR | 11010 | | PREDICATE | ••• V | KENNEDY IS |
| | | | N3-A | NOUN COMPLEMENT | O C | PRESIDENT |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | IS GOVERNING |
| VX,BE2-2 | PR | 10010 | | PREDICATE | ••• V | THE FACT IS |
| | | | NC-E | NOUN CLAUSE | O 6R | THAT |
| | | | | | (6S) | HE |
| | | | | | (6V) | IS |
| | | | | | (6C) | ILL |
| VX,BE2-3 | PR | 10010 | | PREDICATE | V | IS |
| | | | SG-E | DECLARATIVE CLAUSE | O 6S | SPRING |
| | | | | | (6V) | HAS COME |
| VX,BE3-0 | PR | 11010 | | PREDICATE | ••• VX | THE MAN WAS |
| | | | PA-A | PARTICIPLE | O V | SWIMMING |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | IS DROWNING |
| VX,BE3-1 | PR | 11010 | | PREDICATE | VX | IS |
| | | | IF-A | TO-INFINITIVE | O VR | TO |
| | | | | | (V) | DIE |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | IS PRAYING |
| VX,CMA-0 | IN | 00100 | | PREDICATE | -, | , |
| | | | CA- | ADVERB | O -PR | TO |
| | | | | | (-PO) | (MY GREAT) SORROW |
| | | | CN-R | COMMA | O -, | , |
| | | | VX-X | PREDICATE | Y V | DIED (YESTERDAY) |
| VX,CMA-1 | IN | 00100 | | PREDICATE | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | O -PM | WORKING (DAY AND NIGHT) |
| | | | CN-R | COMMA | O -, | , |
| | | | VX-X | PREDICATE | Y V | SUCCEEDED (IN...) |
| VX,HAV-0 | PR | 11010 | | PREDICATE | VX | HAS |
| | | | PF-A | PERFECT PARTICIPLE | O V | SUCCEEDEL |
| | | | ZM-N | COMMA,ANC,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | HAS BEEN REWARDED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| VX,HAV-1 | PR | 11010 | | PREDICATE | *** VX | THE MAN<br>HAS |
| | | | IF-A | TO-INFINITIVE | 0 VR | TO |
| | | | | | (V) | WORK (HARD) |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 VX | WILL HAVE |
| | | | | | (VR) | TO |
| | | | | | (V) | ENJOY |
| | | | | | (0) | IT |
| | | | | | *** | A MAN WHO HAS |
| | | | | | *** | WORKED |
| VX,NAD-0 | AP | 00100 | | PREDICATE | -E | NIGHT |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | AND |
| | | | ON- | ADVERBIAL NOUN PHR | 0 -E | DAY |
| | | | VX-X | PREDICATE | Y V | MUST FEEL |
| | | | | | (C) | TIRED |
| | | | | | *** | A MAN WHO HAS |
| | | | | | *** | WALKED |
| VX,NUM-0 | AP | 00100 | | PREDICATE | -EA | TWENTY |
| | | | CN- | ADVERBIAL NOUN PHR | 0 -E | MILES |
| | | | VX-X | PREDICATE | Y V | MUST FEEL |
| | | | | | (CM) | TIRED |
| | | | | | *** | A MAN WHO HAS BEEN |
| | | | | | *** | WALKING |
| VX,PRE-0 | PH | 00100 | | PREDICATE | /PR | FOR |
| | | | NQ-G | NOUN OBJECT | 1 /PO | HOURS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | FOR |
| | | | | | (/PO) | MILES |
| | | | VX-X | PREDICATE | Y V | MUST BE TIRED |
| VX,PRE-1 | PH | 00100 | | PREDICATE | /PR | WITHOUT |
| | | | GR-B | GERUND | 1 /POG | RESTING |
| | | | ZC-E | (A,B,) AND (C) (DRCP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR | WITHOUT |
| | | | | | (/POG) | EATING |
| | | | VX-X | PREDICATE | Y V | MUST BE TIRED |
| VX,PRE-2 | PH | 00100 | | PREDICATE | /PR | TO |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 0 /PR | BEYOND |
| | | | | | (/PO) | EXCESS |
| | | | VX-X | PREDICATE | Y V | MUST BE EXHAUSTED |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC CESCRIPTICNS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| VX,TOI-0 | DI | 00100 | | PREDICATE | ••• /DVR | A MAN WHO CAME |
| | | | BV-M | INFINITE VERB | 0 /DV | TO SEE |
| | | | | | (/DO) | ME |
| | | | ZC-I | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | IF-M | TO-INFINITIVE | 0 /DVR | TO |
| | | | | | (/DV) | TALK (WITH ME) |
| | | | VX-X | PREDICATE | Y V | SAID ... |
| VX,VI1-0 | PR | 11010 | | PREDICATE | ••• V | THE MAN SWIMS |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | DIVES |
| VX,VI1-1 | PR | 11010 | | PREDICATE | V | GOES |
| | | | PA-C | PARTICIPLE | 1 VPM | SWIMMING |
| | | | ZM-N | COMMA,ANC,CR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | DIVES |
| VX,VI2-0 | PR | 11010 | | PREDICATE | ••• V | THE MAN LOOKS |
| | | | AI-A | ADJECTIVE | 0 C | HANDSOME |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | IS LOVED (BY ALL) |
| VX,VI2-1 | PR | 11010 | | PREDICATE | V | BECOMES |
| | | | N3-A | NOUN COMPLEMENT | 0 C | (A) LEADER |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | EXERCISES |
| | | | | | (0) | AUTHORITY |
| VX,VI3-0 | PR | 11010 | | PREDICATE | V | LOOKS |
| | | | DP- | PREPOSITIONAL PHR | 1 VPR | FOR |
| | | | | | (VPO) | (A) JOB |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | IS DISCOURAGED |
| VX,VT1-0 | PR | 11010 | | PREDICATE | V | PLAYS |
| | | | CM-N | COMMA,ANC,OR | 0 + | AND |
| | | | TX-X | SIMPLE-OBJ VT | 0 V | WINS |
| | | | | | (0) | (THE) GAME |
| VX,VT1-1 | PR | 11010 | | PREDICATE | V | PLAYS |
| | | | N2-A | OBJECT | 0 0 | CARDS |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | IS WINNING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THE MAN |
| VX,VT2-0 | PR | 11010 | | PREDICATE | V | GIVES |
| | | | NQ-A | NOUN OBJECT | 0 0 | US |
| | | | N2-A | OBJECT | 0 0 | HELP |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | ENCOURAGES |
| | | | | | | US |
| VX,VT3-0 | PR | 11010 | | PREDICATE | V | MAKES |
| | | | NQ-A | NOUN OBJECT | 0 0 | HER |
| | | | AI-A | ADJECTIVE | 0 C | HAPPY |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | SHARES |
| | | | | | (0) | (HER) JOY |
| VX,VT3-1 | PR | 11010 | | PREDICATE | V | MAKES |
| | | | NQ-A | NOUN OBJECT | 0 0 | THEM |
| | | | N3-A | NOUN COMPLEMENT | 0 C | BELIEVERS |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | STRESSES |
| | | | | | (0) | FAITH (IN GOD) |
| VX,VT3-2 | PR | 11010 | | PREDICATE | V | MAKES |
| | | | AI-A | ADJECTIVE | 0 C | AVAILABLE |
| | | | AR-C | ARTICLE | 0 0A | THESE |
| | | | N5-A | MODIFIED OBJECT | 0 0 | DEVICES |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | USES |
| | | | | | (0) | THEM |
| VX,VT4-0 | PR | 11010 | | PREDICATE | V | MAKES |
| | | | NQ-A | NOUN OBJECT | 0 0 | CHILDREN |
| | | | BV-P | INFINITE VERB | 0 CV | STUDY |
| | | | | | (CO) | FRENCH |
| | | | ZM-N | COMMA,AND,OR (DRCP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | TEACHES |
| | | | | | (0) | THEM |
| VX,VT5-0 | PR | 11010 | | PREDICATE | V | SEES |
| | | | NQ-A | NOUN OBJECT | 0 0 | LEAVES |
| | | | PA-P | PARTICIPLE | 0 CM | FALLING |
| | | | ZM-N | COMMA,AND,OR (DRCP) | 0 + | AND |
| | | | VX-X | PREDICATE | 0 V | HEARS |
| | | | | | (0) | SQUIRRELS |
| | | | | | (CM) | CHATTERING |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| | | | | | ••• | THE MAN |
| VX,VT6-0 | PR | 11010 | | PREDICATE | V | KNOWS |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | HAS HAPPENED |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | VERIFIES |
| | | | | | (O) | IT |
| VX,VT6-1 | PR | 11010 | | PREDICATE | V | KNOWS |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | SPRING |
| | | | | | (5V) | HAS COME |
| | | | ZM-W | COMMA,AND,OR (DROP) | O , | , |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | WINTER |
| | | | | | (5V) | HAS GONE |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | FEELS |
| | | | | | (C) | HAPPY |
| VX,VT7-0 | PR | 11010 | | PREDICATE | V | TELLS |
| | | | NQ-A | NOUN OBJECT | O O | HIM |
| | | | SG-D | DECLARATIVE CLAUSE | O 5S | HE |
| | | | | | (5V) | SHOULD LEAVE |
| | | | ZM-W | COMMA,AND,OR (DROP) | O , | , |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | SHOULD WORK |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | WATCHES |
| | | | | | (O) | (HIS) REACTION |
| VX,VT7-1 | PR | 11010 | | PREDICATE | V | TELLS |
| | | | NQ-A | NOUN OBJECT | O O | HIM |
| | | | NC-D | NOUN CLAUSE | O 5R | THAT |
| | | | | | (5S) | HE |
| | | | | | (5V) | SHOULD LEAVE |
| | | | ZM-N | COMMA,ANC,OR (DROP) | O + | AND |
| | | | VX-X | PREDICATE | O V | WATCHES |
| | | | | | (O) | (HIS) REACTION |
| | | | | | ••• | THIS IS WHAT A MAN |
| | | | | | ••• | WHOM I SAW |
| WX,AAA-0 | AP | 00100 | | PREDICATE WITH NO OBJ | -EA | THIS |
| | | | CN- | ADVERBIAL NOUN PHR | O -E | MORNING |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | SAID |
| WX,AUX-0 | PR | 10110 | | PREDICATE WITH NC OBJ | VX | COULD |
| | | | BW-A | INF VERB WITH NO OBJ | O V | DO |
| | | | ZM-N | COMMA,ANC,OR (DRCP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | (ACTUALLY) DID |

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|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT A MAN |
| | | | | | ••• | WHOM I SAW |
| WX,AV1-0 | AD | 00100 | | PREDICATE WITH NC OBJ | -D | AGAIN |
| | | | ZM-E | COMMA,ANC,OR (DROP) | 0 -+ | AND |
| | | | DA- | ADVERB | 0 -D | AGAIN |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | SAID |
| WX,AV2-0 | AD | 00100 | | PREDICATE WITH NO OBJ | -D | OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | ON |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | DID |
| WX,AV5-0 | AD | 00100 | | PREDICATE WITH NC OBJ | -DD | VERY |
| | | | DA- | ADVERB | 0 -D | OFTEN |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | DID |
| | | | | | ••• | THIS IS WHAT I |
| WX,AV6-0 | AD | 00100 | | PREDICATE WITH NO OBJ | -D | MORE |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | AM AVOIDING |
| WX,AV8-0 | AD | 00100 | | PREDICATE WITH NO OBJ | -D | TOO |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | DID |
| WX,BE1-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | AM |
| | | | DQ- | PREPOSITICN | 1 VPR | AGAINST |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO CBJ | 0 V | AM AVOIDING |
| WX,BE1-1 | PR | 10110 | | PREDICATE WITH NC OBJ | V | AM |
| | | | CB- | ADVERB AFTER BE1 | 1 VD | HERE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 VDVR (VDV) | TO DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | WILL DO (FOREVER) |
| WX,BE2-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | AM |
| | | | AI-A | ADJECTIVE | 0 C | CAPABLE |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V (C) (CDVR) (CDV) | AM WILLING TO DO |

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|---|---|---|---|---|---|---|
| | | | | | ••• | THIS IS WHAT I |
| WX,BE2-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | AM |
| | | | N3-A | NOUN COMPLEMENT | 0 C | MASTER |
| | | | CQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | AM |
| | | | | | (C) | WILLING |
| | | | | | (CDVR) | TO |
| | | | | | (CDV) | DO |
| WX,BE2-2 | PR | 10110 | | PREDICATE WITH NO OBJ | V | AM |
| | | | AI-A | ADJECTIVE | 0 C | ABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | AM |
| | | | | | (C) | WILLING |
| | | | | | (CDVR) | TO |
| | | | | | (CDV) | DO |
| WX,BE2-3 | PR | 10110 | | PREDICATE WITH NC OBJ | V | AM |
| | | | N3-A | NOUN COMPLEMENT | 0 C | (AN) INSTRUCTOR |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR | TO |
| | | | | | (CDV) | TEACH |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | AM |
| | | | | | (C) | WILLING |
| | | | | | (CDVR) | TO |
| | | | | | (CDV) | TEACH |
| WX,BE3-0 | PR | 10110 | | PREDICATE WITH NC CBJ | VX | AM |
| | | | PB-A | PART WITH NO OBJ | 0 V | STUDYING |
| | | | ZM-N | COMMA,ANC,OR (DRCP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | AM INTERESTED |
| | | | | | (VPR) | IN |
| WX,BE3-1 | PR | 10110 | | PREDICATE WITH NC CBJ | VX | AM |
| | | | IG-A | TO-INFIN WITH NO OBJ | C VR | TO |
| | | | | | (V) | STUDY |
| | | | ZM-N | COMMA,ANC,OR (DROP) | C + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | HAVE STUDIED |
| WX,CMA-0 | IN | 00100 | | PREDICATE WITH NC CBJ | -, | , |
| | | | CA- | ADVERB | 0 -PR | FOR |
| | | | | | (-PO) | (A LONG) TIME |
| | | | CN-R | COMMA | C -, | , |
| | | | WX-X | PREDICATE WITH NC CBJ | Y V | HAVE BEEN DOING |
| WX,CMA-1 | IN | 00100 | | PREDICATE WITH NC OBJ | -, | , |
| | | | AP- | POST-POSITIONAL ADJ | 0 -PM | STUDYING (FOR THE DEGREE) |
| | | | CN-R | COMMA | 0 -, | , |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | HAVE DONE |

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|---|---|---|---|---|---|---|---|
| WX,HAV-0 | PR | 10110 | | PREDICATE WITH NO OBJ | VX | ••• | THIS IS WHAT I HAVE |
| | | | PG-A | PERF PART WITH NO OBJ | 0 V | | DONE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | | HAVE FINISHED |
| WX,HAV-1 | PR | 10110 | | PREDICATE WITH NO OBJ | VX | | HAVE |
| | | | IG-A | TO-INFIN WITH NO OBJ | 0 VR | | TO |
| | | | | | (V) | | DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | | WILL DO |
| | | | | | | ••• | THIS IS WHAT A MAN |
| | | | | | | ••• | WHO HAS WORKED |
| WX,NAD-0 | AP | 00100 | | PREDICATE WITH NO OBJ | -E | | NIGHT |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 -+ | | AND |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | | DAY |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | | FACES |
| WX,NUM-0 | AP | 00100 | | PREDICATE WITH NO OBJ | -EA | | FIFTY |
| | | | DN- | ADVERBIAL NOUN PHR | 0 -E | | YEARS |
| | | | hX-X | PREDICATE WITH NO OBJ | Y V | | FACES |
| | | | | | | ••• | THIS IS WHAT I |
| WX,PRE-0 | PH | 00100 | | PREDICATE WITH NO OBJ | /PR | | AFTER |
| | | | NQ-G | NOUN OBJECT | 1 /PO | | DINNER |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | | AND |
| | | | OA- | ADVERB | 0 /PR | | BEFORE |
| | | | | | (/POG) | | GOING (TO BED) |
| | | | hX-X | PREDICATE WITH NO OBJ | Y V | | DID |
| WX,PRE-1 | PH | 00100 | | PREDICATE WITH NO OBJ | /PR | | WITHOUT |
| | | | GR-B | GERUND | 1 /POG | | REALIZING |
| | | | | | (/POO) | | IT |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | | AND |
| | | | CA- | ADVERB | 0 /D | | OPENLY |
| | | | WX-X | PREDICATE WITH NO OBJ | Y V | | DID |
| WX,PRE-2 | PH | 00100 | | PREDICATE WITH NO OBJ | /PR | | BEFORE |
| | | | CM-F | COMMA,ANC,OR | 1 /P+ | | AND |
| | | | OP- | PREPOSITICNAL PHR | 0 /PR | | AFTER |
| | | | | | (/PO) | | MEALS |
| | | | hX-X | PREDICATE WITH NO OBJ | Y V | | DO |
| WX,VIt-0 | PR | 10110 | | PREDICATE WITH NC OBJ | V | | CAME (HERE) |
| | | | CQ- | PREPOSITICN | 1 VPR | | FOR |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | | AND |
| | | | WX-X | PREDICATE WITH NC CBJ | 0 V | | HAVE FAILED |
| | | | | | (VDVR) | | TO |
| | | | | | (VDV) | | OBTAIN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| WX,VI1-1 | PR | 10110 | | PREDICATE WITH NO OBJ | •••  V | THIS IS WHAT I CAME (HERE) |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 VDVR (VDV) | TO DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | DID |
| WX,VI2-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | BECAME |
| | | | AI-A | ADJECTIVE | 0 C | FOND |
| | | | CQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | MASTERED |
| WX,VI2-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | BECAME |
| | | | N3-A | NOUN COMPLEMENT | 0 C | MASTER |
| | | | DQ- | PREPOSITION | 1 CPR | OF |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | TAUGHT |
| WX,VI2-2 | PR | 10110 | | PREDICATE WITH NO OBJ | V | BECAME |
| | | | AI-A | ADJECTIVE | 0 C | ABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 COVR (COV) | TO DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (OVR) (OV) | LIKED TO DO |
| WX,VI2-3 | PR | 10110 | | PREDICATE WITH NO OBJ | V | BECAME |
| | | | N3-A | NOUN COMPLEMENT | 0 C | (AN) INSTRUCTOR |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 COVR (COV) | TO TEACH |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (VPR) | WILL WORK FOR |
| WX,VI3-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | DEPEND |
| | | | CQ- | PREPOSITION | 1 VPR | ON |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (VPR) | BELIEVE IN |
| WX,VI3-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | DEPEND |
| | | | DP- | PREPOSITIONAL PHR | 1 VPR (VPO) | ON HIM |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 VDVR (VDV) (VDO) | TO GIVE ME |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | MUST OBTAIN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|---|
| WX,VT1-0 | PR | 10110 | | PREDICATE WITH NO OBJ | ••• V | | THIS IS WHAT I LIKE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | DO |
| WX,VT1-1 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | SPENT |
| | | | N2-A | OBJECT | 0 | O | MONEY |
| | | | DQ- | PREPOSITION | 1 | OPR | FOR |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | OBTAINED |
| WX,VT1-2 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | LIKE |
| | | | IG-F | TO-INFIN WITH NO OBJ | 0 | OVR (OV) | TO DO |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | (ALWAYS) DO |
| WX,VT1-3 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | SPENT |
| | | | N2-A | OBJECT | 0 | O | MONEY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | OOVR (OOV) | TO OBTAIN |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | (FINALLY) LOST |
| WX,VT2-0 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | GAVE |
| | | | N2-A | OBJECT | 0 | O | HIM |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | RECEIVED (IN RETURN) |
| WX,VT2-1 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | GAVE |
| | | | NQ-A | NOUN OBJECT | 0 | O | HIM |
| | | | N2-A | OBJECT | 0 | O | MONEY |
| | | | DQ- | PREPOSITION | 1 | OPR | FOR |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | OBTAINED |
| WX,VT2-2 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | GAVE |
| | | | NQ-A | NOUN OBJECT | 0 | O | HIM |
| | | | N2-A | OBJECT | 0 | O | MONEY |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 | OOVR (OOV) | TO OBTAIN |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | RECEIVED (IN RETURN) |
| WX,VT3-0 | PR | 10110 | | PREDICATE WITH NO OBJ | | V | FOUND |
| | | | AI-A | ADJECTIVE | 0 | C | INTERESTING |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 | + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 | V | LIKED |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| WX,VT3-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | THIS IS WHAT I CALL |
| | | | N3-A | NOUN COMPLEMENT | O C | GARBAGE |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | DESPISE |
| WX,VT3-2 | PR | 10110 | | PREDICATE WITH NO OBJ | V | FOUND |
| | | | NQ-A | NOUN OBJECT | O O | HIM |
| | | | AI-A | ADJECTIVE | O C | USEFUL |
| | | | DQ- | PREPOSITION | 1 CPR | FOR |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | HAVE BEEN USING |
| | | | | | (O) | HIM |
| | | | | | (OPR) | FOR |
| WX,VT3-3 | PR | 10110 | | PREDICATE WITH NO OBJ | V | HAVE |
| | | | AI-A | ADJECTIVE | O C | AVAILABLE |
| | | | AR-C | ARTICLE | O OA | THESE |
| | | | N5-A | MODIFIED OBJECT | O O | DEVICES |
| | | | DQ- | PREPOSITICN | 1 OPR | FOR |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | WANT |
| | | | | | (OVR) | TO |
| | | | | | (OV) | CULTIVATE |
| WX,VT3-4 | PR | 10110 | | PREDICATE WITH NO OBJ | V | APPOINTED |
| | | | NQ-A | NOUN OBJECT | O O | HIM |
| | | | N3-A | NOUN COMPLEMENT | O C | PRESIDENT |
| | | | DQ- | PREPOSITION | 1 CPR | FOR |
| | | | ZM-N | COMMA,ANC,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | HAVE ASKED |
| | | | | | (O) | (HIS) HELP |
| | | | | | (OPR) | FOR |
| WX,VT3-5 | PR | 10110 | | PREDICATE WITH NO OBJ | V | FOUND |
| | | | NQ-A | NOUN OBJECT | O O | HIM |
| | | | AI-A | ADJECTIVE | O C | ABLE |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 COVR | TO |
| | | | | | (CDV) | DO |
| | | | ZM-N | COMMA,ANC,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V | USED |
| | | | | | (O) | HIM |
| | | | | | (OPR) | FOR |
| WX,VT3-6 | PR | 10110 | | PREDICATE WITH NC OBJ | V | HAVE |
| | | | AI-A | ADJECTIVE | O C | AVAILABLE |
| | | | AR-C | ARTICLE | O OA | THESE |
| | | | N5-A | MODIFIED OBJECT | O O | DEVICES |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 ODVR | TO |
| | | | | | (ODV) | ACCOMPLISH |
| | | | ZM-N | COMMA,ANC,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | O V | WILL SUCCEED |
| | | | | | (VPR) | IN |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| WX,VT3-7 | PR | 10110 | | PREDICATE WITH NO OBJ | ••• V | THIS IS WHAT I APPOINTED |
| | | | NQ-A | NOUN OBJECT | 0 0 | HIM |
| | | | N3-A | NOUN COMPLEMENT | 0 C | PRESIDENT |
| | | | IG-M | TO-INFIN WITH NO OBJ | 1 CDVR (CDV) | TO ORGANIZE |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (OVR) (OV) | FAILED TO ORGANIZE |
| WX,VT4-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | SAW |
| | | | BV-P | INFINITE VERB | 0 CV | MOVE |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (VPR) | FIRED AT |
| WX,VT4-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | SAW |
| | | | NQ-A | NOUN OBJECT | 0 0 | HIM |
| | | | BW-P | INF VERB WITH NO OBJ | 0 CV | APPROACH |
| | | | ZM-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NC OBJ | 0 V | COULD(NOT)IDENTIFY |
| WX,VT5-0 | PR | 10110 | | PREDICATE WITH NC OBJ | V | HEARD |
| | | | PA-P | PARTICIPLE | 0 CM | RINGING |
| | | | ZM-N | COMMA,AND,OR (DRCP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (CM) | SAW VIBRATING |
| WX,VT5-1 | PR | 10110 | | PREDICATE WITH NC OBJ | V | SAW |
| | | | NQ-A | NOUN OBJECT | 0 0 | HIM |
| | | | PB-P | PART WITH NO OBJ | 0 CM (CMPR) | ATTACKED BY |
| | | | ZP-N | COMMA,ANC,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (VPR) | HAD TO FIRE AT |
| WX,VT6-0 | PR | 10110 | | PREDICATE WITH NO OBJ | V | REALIZED |
| | | | ND-O | NOUN CL WITH NO OBJ | 0 5R (5S) (5V) | THAT I HAD LOST |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V (OVR) (OV) | WANTED TO RECOVER |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| WX,VT6-1 | PR | 10110 | | PREDICATE WITH NO OBJ | *** V | THIS IS WHAT I REALIZED |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | I |
| | | | | | (5V) | HAD LOST |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | WANTED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | RECOVER |
| WX,VT7-0 | PR | 10010 | | PREDICATE WITH NO OBJ | *** V | THIS IS THE MAN I TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | IT |
| | | | | | (5V) | WAS |
| | | | | | (5C) | INTERESTING |
| | | | ZM-W | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | I |
| | | | | | (5V) | LIKED |
| | | | | | (50) | IT |
| WX,VT7-1 | PR | 10110 | | PREDICATE WITH NO OBJ | V | TOLD |
| | | | NC-D | NOUN CLAUSE | 0 5R | THAT |
| | | | | | (5S) | IT |
| | | | | | (5V) | WAS |
| | | | | | (5C) | INTERESTING |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | GAVE |
| | | | | | (0) | (THE) TICKET |
| | | | | | (OPR) | TO |
| WX,VT7-2 | PR | 10110 | | PREDICATE WITH NO OBJ | V | TOLD |
| | | | SG-D | DECLARATIVE CLAUSE | 0 5S | IT |
| | | | | | (5V) | WAS |
| | | | | | (5C) | INTERESTING |
| | | | CP-N | COMMA,AND,OR | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | GAVE |
| | | | | | (0) | (THE) TICKET |
| | | | | | (OPR) | TO |
| WX,VT7-3 | PR | 10110 | | PREDICATE WITH NO OBJ | V | TOLD |
| | | | NO-X | NOUN OBJECT | 0 0 | (MY) MOTHER |
| | | | ND-D | NOUN CL WITH NO OBJ | 0 5R | THAT |
| | | | | | (5S) | I |
| | | | | | (5V) | LIKED |
| | | | ZM-N | COMMA,AND,OR (DROP) | 0 + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | 0 V | WANTED |
| | | | | | (OVR) | TO |
| | | | | | (OV) | MARRY |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT. SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| WX,VT7-4 | PR | 10110 | | PREDICATE WITH NO OBJ | ••• <br> V | THIS IS THE MAN I <br> TOLD |
| | | | NO-X | NOUN OBJECT | O O | (MY) MOTHER |
| | | | SF-D | DECLAR CL WITH NO OBJ | O 5S <br> (5V) | I <br> LIKED |
| | | | ZM-N | COMMA,AND,OR (DROP) | O + | AND |
| | | | WX-X | PREDICATE WITH NO OBJ | O V <br> (OVR) <br> (OV) | WANTED <br> TO <br> MARRY |
| XC,AV1-0 | AD | 00000 | | (A,B,) AND (C) | ••• <br> -, | WE HAD WINE, MUSIC <br> SOFTLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | DA- | ADVERB | O -, | CONTINUALLY |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV2-0 | AD | 00000 | | (A,B,) AND (C) | -D | OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | O -+ | AND |
| | | | DA- | ADVERB | O -D | ON |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV3-0 | AB | 00000 | | (A,B,) AND (C) | -DD | AS |
| | | | DA- | ADVERB | O -D | WELL |
| | | | 33-C | AS-CLAUSE | O -D&R <br> (-DRS) | AS <br> DANCING |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV5-0 | AD | 00000 | | (A,B,) AND (C) | -DD | VERY |
| | | | DA- | ADVERB | O -D | SOFTLY |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV6-C | AB | 00000 | | (A,B,) AND (C) | -D | MORE (OFTEN) |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV6-1 | AB | 00000 | | (A,B,) AND (C) | -D | MORE (OFTEN) |
| | | | 88-C | THAN-CLAUSE | O -D&R <br> (-D8D) | THAN <br> BEFORE |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |
| XC,AV8-0 | AD | 00000 | | (A,B,) AND (C) | -D | TOO |
| | | | XC-X | (A,B,) AND (C) | Y + | AND <br> FINALLY ROMANCE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CO | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| XC,CMA-0 | YY | 00000 | | | *** | WE HAD WINE, MUSIC |
| | | | | (A,B,) AND (C) | | , |
| | | | XC-X | (A,B,) AND (C) | O ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,CMA-1 | YY | 00000 | | (A.B.) AND (C) | | , |
| | | | DN-Y | DUMMY PREDICTION | O O | DANCING |
| | | | XC-X | (A,B,) AND (C) | O ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,CMA-2 | IN | 00000 | | (A,B,) AND (C) | -, | , |
| | | | DA- | ADVERB | O -PR (-PO) | FOR DANCING |
| | | | CN-R | COMMA | O -, | , |
| | | | XC-X | (A,B,) AND (C) | Y ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,CMA-3 | IN | 00000 | | (A,B,) AND (C) | -, | , |
| | | | AP- | POST POSITIONAL ADJ | O -PM | PLAYED (BY A BAND) |
| | | | CN-R | COMMA | O -, | , |
| | | | XC-X | (A,B,) AND (C) | Y ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,CPR-0 | AD | 00000 | | (A,B,) AND (C) | -D | REGARDLESS |
| | | | CP- | PREPOSITICNAL PHR | 1 -DPR (-DPO) | OF (THE) TIME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O -÷ | AND |
| | | | DA- | ADVERB | O -D (-DPR) (-DPO) | REGARDLESS OF (THE) PLACE |
| | | | XC-X | (A,B,) AND (C) | Y ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,PRE-0 | PH | 00000 | | (A,B,) AND (C) | /PR | FROM |
| | | | NQ-G | NOUN OBJECT | 1 /PO | OPERAS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /÷ | AND |
| | | | DA- | ADVERB | O /PR (/PO) | FROM MUSICALS |
| | | | XC-X | (A,B,) AND (C) | Y ÷ | AND |
| | | | | | | FINALLY ROMANCE |
| XC,PRE-1 | PH | 00000 | | (A,B,) AND (C) | /PR | FOR |
| | | | GR-B | GERUND | 1 /POG | TWISTING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | O /÷ | AND |
| | | | DA- | ADVERB | O /PR (/POG) | FOR EATING |
| | | | XC-X | (A,B,) AND (C) | Y ÷ | AND |
| | | | | | | FINALLY ROMANCE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| XC,PRE-2 | PH | 00000 | | (A,B,) AND (C) | *** /PR | WE HAD WINE, MUSIC BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | CP- | PREPOSITIONAL PHR | 0 /PR | AFTER |
| | | | | | (/PO) | DINNER |
| | | | XC-X | (A,B,) AND (C) | Y + | AND FINALLY ROMANCE |
| XC,XCO-0 | YY | 00000 | | (A,B,) AND (C) | + | AND FINALLY ROMANCE |
| XD,AV1-0 | AD | 00000 | | (A) AND (B) | *** -D | WE HAD MUSIC SOFTLY |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | AND |
| | | | CA- | ADVERB | 0 -D | CONTINUALLY |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE WINE FROM FRANCE |
| XC,AV2-0 | AD | 00000 | | (A) AND (B) | -D | OFF |
| | | | ZM-E | COMMA,AND,OR (DROP) | 0 -+ | .AND |
| | | | DA- | ADVERB | 0 -D | ON |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,AV3-0 | AB | 00000 | | (A) AND (B) | -DD | AS |
| | | | DA- | ADVERB | 0 -D | WELL |
| | | | 33-C | AS-CLAUSE | 0 -D8R | AS |
| | | | | | (-D8S) | DANCING |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,AV5-0 | AD | 00000 | | (A) AND (B) | -DD | VERY |
| | | | CA- | ADVERB | 0 -D | UNEXPECTEDLY |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,AV6-0 | AB | 00000 | | (A) AND (B) | -D | MORE (SOFTLY) |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XC,AV6-1 | AB | 00000 | | (A) AND (B) | -D | MORE (SOFTLY) |
| | | | 88-C | THAN-CLAUSE | 0 -D8R | THAN |
| | | | | | (-D8D) | EVER |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |

| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CC | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| XD,AV8-0 | AD | 00000 | | (A) AND (B) | ••• −D | WE HAD MUSIC TOO |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,CMA-0 | IN | 00000 | | (A) AND (B) | −, | , |
| | | | DA- | ADVERB | 0 −PR (−PO) | FOR DANCING |
| | | | CN-R | COMMA | 0 −, | , |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,CMA-1 | IN | 00000 | | (A) AND (B) | −, | , |
| | | | AP- | POST POSITIONAL ADJ | 0 −PM | PLAYED (BY A BAND) |
| | | | CN-R | COMMA | 0 −, | , |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,CPR-0 | AD | 00000 | | (A) AND (B) | −D | REGARDLESS OF |
| | | | OP- | PREPOSITIONAL PHR | 1 −DPR (−DPO) | (THE) TIME |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 −+ | AND |
| | | | DA- | ADVERB | 0 −D (−DPR) (−DPO) | REGARDLESS OF (THE) PLACE |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,PRE-0 | PH | 00000 | | (A) AND (B) | /PR | FOR |
| | | | GR-B | GERUND | 1 /POG | DANCING |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR (/POG) | FOR EATING |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,PRE-1 | PH | 00000 | | (A) AND (B) | /PR | FROM |
| | | | NQ-G | NOUN OBJECT | 1 /PO | OPERAS |
| | | | ZC-E | (A,B,) AND (C) (DROP) | 0 /+ | AND |
| | | | DA- | ADVERB | 0 /PR (/PO) | FROM MUSICALS |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |
| XD,PRE-2 | PH | 00000 | | (A) AND (B) | /PR | BEFORE |
| | | | CM-F | COMMA,AND,OR | 1 /P+ | AND |
| | | | DP- | PREPOSITIONAL PHR | 0 /PR (/PO) | AFTER DINNER |
| | | | XD-X | (A) AND (B) | Y + | AND WINE FROM FRANCE |

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| ARGUMENT PAIR | SR | AGREE TEST | NEW PREDS | MNEMONIC DESCRIPTIONS OF PREDICTIONS | STRUCT, SHIFT CD | ENGLISH EXAMPLES |
|---|---|---|---|---|---|---|
| XC,XCO-0 | YY | 00000 | | (A) AND (B) | ••• ♦ | WE HAD MUSIC AND WINE FROM FRANCE |

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APPENDIX A

MANUAL OF SYNTACTIC WORD CLASSES

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| AAA[*] | | Common features of ADJ, ADK, ADM, ADN, ADO, and ART |
| AAB[*] | | Common features of ADK and ADN |
| ADJ | ADJECTIVE 1 | (a) ADJ is for usual adjectives which can be modified by "very", are capable of forming the comparative degree with "more" and also can be used both as pre-positional adjectives and as adjective complements. "Many, much, few, little" are excluded from this class. Examples: "This is a very beautiful flower."; "This flower is more beautiful than that one." (b) ADJ also designates adjectives in the superlative degree, excluding "most" and "least". |

[*]In an input text, there will be no word which has the word class code of AAA. AAA is used for the set of those grammar rules which are common to ADJ, ADK, ADN, ADO, and ART. This provision is for grammar table compression. The same applies to AAB, MMM and NNN also. For example, an argument pair with the second member ADJ calls forth not only the subrules associated with ADJ, but also those associated with AAA.

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| | | Examples: "This is the <u>prettiest</u> flower.";<br>"This is the <u>best</u> thing."; "These are the goods<br><u>best</u> in quality but <u>worst</u> in quantity.";<br>"<u>Youngest</u> children in a family are always spoiled."<br>Note: "More beautiful" and "most beautiful", for<br>example, correspond to "AV6, ADJ," and "AV1, ADJ"<br>respectively. |
| ADK | ADJECTIVE 2 | ADK is for adjectives in the comparative degree,<br>excluding "more" and "less". Examples: "This is<br>a <u>better</u> toy than that one."; "I am <u>older</u> than<br>you are." |
| ADL | ADJECTIVE 3 | ADL is for adjectives which cannot be used as<br>post-positional adjectives or as adjective comple-<br>ments and also cannot stand at the beginning of a<br>noun phrase. "Very", "only", "same" and possibly<br>several others belong to this class. Examples:<br>"This is the <u>very</u> book that I want."; "This is the<br><u>only</u> book that I have read." One cannot say "This<br>book is <u>very</u>."; one can say "I like the book <u>very</u><br>much.", but <u>very</u> in this case modifies not "book"<br>but "much". |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| AIM | ADJECTIVE 4 | "Most" and "least" are the only members of this class. The characteristics of these two words are that they can be used neither as postpositional adjectives nor as adjective complements. Examples: "Most people think so."; "I spent the least amount of money possible."; but one cannot say "People most..." with "most" modifying "people" or "This is most." Note: The use of "most" and "least" as nouns, as in "This is the most I can say." or "The least we can say is this.", will be covered by NO4, the syntactic word class to which these two words are assigned as well as to AIM. |
| ADN | ADJECTIVE 5 | "More" and "less" are the only members of this class. They can form structures like "Slightly more (or less) than twenty people came.", in which "more than twenty" is a compound attributive modifying "people". This feature is not shared by members of AIK. |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| ADO | ADJECTIVE 6 | "Many, much, few, little" are the only members of this class. They can form structures like "As many as twenty people came." or "As much as two gallons of oil is needed.", in which "as many as twenty" and "as much as two" are compound attributives. This feature is not shared by members of any other adjectival word classes. All of these four words have the coding of NOV, as well as ADO, and "much" and "little" also belong to AV1. |
| ADP | ADJECTIVE 7 | "Such" is the only member of this class. Examples: "He is such a nice man."; "Such a nice man as he cannot be found elsewhere." |
| ART | PRO-ADJEC TIVE | ART is for noun-phrase introducers such as definite and indefinite articles ("the, a"), demonstrative adjectives ("this, that, these, those"), possessive pronouns ("my, your, his, her, its, our, their") and pro-adjectives ("another, any, etc.") and titles ("Mr.", "Dr."). Characteristics of these words are that they cannot be preceded by another adjective, and that they cannot be followed by any one of the words of the same class. Examples: "this book" but not "beautiful this flower" or "this my book" |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| AUX | AUXILIARY VERB | "Will, shall, can, may, do, does, would, should, could, might, did, must, need" are the members of AUX. The features common to these words are that they are followed by a basic form of a verb, and that they cannot be followed by any one of the words of the same class. Examples: "He will come."; but not "He will can come." "Ought" does not belong to this class according to the present system because it cannot be followed by a basic form of a verb, but by a to-infinitive. "Ought" is provisionally coded as VT1. |
| AV1 | ADVERB 1 | AV1 is for usual adverbs other than AV2 through AV7. Example: "He sings beautifully." |
| AV2 | ADVERB 2 | AV2 is for adverbs homographic with prepositions. Examples: "He came in."; "I went out."; "He is out." |
| AV3 | ADVERB 3 | "As" and "so" are the only members of AV3, the class of adverbs of comparison. They can be used either (1) in structures such as "He is as good a man as can be found." or (2) in structures such as "As many as twenty people came." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| AV4 | ADVERB 4 | "There" and "here" are the only members of AV4, which is the class of sentence-introducing adverbs. After "there" and "here", the word order of subject and predicate is reversed. Examples: "There is a book on the table." ("a book" is the subject of the predicate verb "is"); "Here is a book." These two words should also be coded as AV1 (ex. "There is a book there."; "He was here."). |
| AV5 | ADVERB 5 | AV5 is for adverbs which require another modifer. "very", "no", "any" and possibly several others belong to this class. Examples: "That is very good."; "It is no longer available."; "It is not available any longer." |
| AV6 | ADVERB 6 | Adverbs in the comparative degree belong to this class. "more, less, later, earlier, etc." They can predict the conjunction of comparison "than". "He comes here more often than before."; "He gets up earlier now than he used to do before." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| AV7 | ADVERB 7 | AV7 is for adverbs which can stand after a form of BE1, fulfilling the prediction of DB (adverbial phrases which can follow the form of BE1). "Well", "alone" and several other examples belong to this class. Examples: "He is <u>well</u>."; "I am <u>alone</u>." Both "well" and "alone" should be coded as AV1 ("He did it <u>well</u>."; "He <u>alone</u> did it.") |
| AV8 | ADVERB 8 | "Too" is the only member of AV8. Examples of the use of "too" are: "This is <u>too</u> difficult a problem for me to answer."; "This is a problem <u>too</u> difficult for me."; etc. |
| BE1 | BE1-COMPLETE VI | BE1 is for finite forms of "be" as a complete intransitive[*] verb. "Am, is, are, was, were, be" belong to this class. Example: "They <u>are</u> in the sky." (A prepositional phrase, according to the present grammar, is considered to be |

[*]For "complete" and "intransitive", refer to the footnote of the entry for "VI1".

| SWC Code | Mnemonic Expresion | Comments |
|---|---|---|
| | | adverbial, and cannot fulfill the roll of a complement or object of a verb.)<br><br>Note: The word form "be" is included in this class and also in BE2 and BE3 for the analysis of sentences such as "He moved that the problem <u>be</u> up for discussion."; "Even if it <u>be</u> true, no one will believe it." |
| BE2 | BE2-COPULA | BE2 is for finite forms of "be" as a copula which has to be followed by a noun complement or by an adjective complement. "Am, is, are, was, were, be" belong to this class. Examples: "They <u>are</u> students."; "They <u>are</u> good." |
| BE3 | BE3-AUXILIARY | BE3 is for finite forms of "be" as an auxiliary verb for the progressive form, passive voice, or be-to form. Examples: "They <u>are</u> coming."; "They <u>are</u> seen."; "They <u>are</u> to come here." |
| BG1 | GERUND OF BE1 | "Being", the gerund form of BE1, is the only member of this class. BG1, followed by an adverbial phrase, can be used as a subject of a verb, or as an object of a verb or preposition. "He got tired of <u>being</u> at home all the time."; "<u>Being</u> in heaven is bliss." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| BG2 | GERUND OF BE2 | "Being", the gerund form of BE2, is the only member of this class. BG2, followed by a noun complement or an adjective complement, can be used as a subject of a verb or as an object of a verb or preposition. "He stopped being the trouble maker at school."; "Being honest is pleasant." |
| BG3 | GERUND OF BE3 | "Being", the gerund form of BE3, is the only member of this class. BG3 can only be followed by a past participle, not by a present participle or to-infinitive. BG3, followed by a past participle, can be used as a subject of a verb, or as an object of a verb or preposition. Examples: "I am accustomed to being called a fool."; "Being called a fool is embarrassing."; but not "I am accustomed to being calling him a fool." |
| BI1 | INFINITE BE1 | BI1 has only the one member "be". This class is for the infinite form of BE1, which can be used as an imperative verb, or after AUX, or after "to" for infinitives. Examples: "Be in a good mood."; "He will be at home."; or "I like to be at home." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| BI2 | INFINITE BE2 | BI2 has only the one member "be". This class is for the infinite form of BE2, which can be used as an imperative verb, or after AUX, or after "to" for infinitives. Examples: "Be a good boy."; "They may be students."; "You have to be kind to others." |
| BI3 | INFINITE BE3 | BI3 has only the one member "be". This class is for the infinite form of BE3, which can be used after AUX or after "to" for infinitives. Examples: "They will be seen."; "The case has to be investigated." |
| BP1 | PAST P OF BE1 | "Been", the past participle form of BE1, is the only member of this class, which is used to form the perfect tense together with a form of "have". Examples: "I have been at home."; "I had been there for three hours when he arrived."; "I will have been here for ten years by next month." |
| BP2 | PAST P OF BE2 | "Been", the past participle form of BE2, is the only member of this class, which is used to form the perfect tense together with a form of "have". Example: "He has been a good boy." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| BP3 | PAST P OF BE3 | "Been", the past participle form of BE3, is the only member of this class, which is used to form the perfect tense together with a form of "have". Examples: "He has <u>been</u> reading a book for two hours."; "He has very often <u>been</u> punished by his teacher." |
| BR1 | PRESENT P OF BE1 | "Being", the present participle form of BE1, is the only member of this class. The form is used (1) in a progressive form together with a form of "be", and (2) in a participial phrase. Examples: "You are <u>being</u> out of your mind."; "God <u>being</u> in heaven, we must be faithful." |
| BR2 | PRESENT P OF BE2 | "Being", the present participle form of BE2, is the only member of this class. The form is used (1) in a progressive form together with a form of "be", and (2) in a participle phrase. Examples: "He is <u>being</u> a good boy."; "<u>Being</u> active, he has accomplished the reformation of the whole institute." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| BR3 | PRESENT P OF BE3 | "Being", the present participle form of BE3, is the only member of this class. The form is used (1) in a progressive form together with a form of "be", (2) in a participial phrase, and (3) as a post-positional modifier of a noun. Examples: "The program is being developed now."; "Being encouraged by his success, he is full of ambition."; "This is the program currently being developed." |
| CCO | ADVERB CONJ 2 | Non-conditional adverbial clause introducers such as "before, after, because, since, except, lest, once, that, where", etc. These conjunctions cannot introduce elliptical structures in contrast to CO2. Examples: "He came before I left."; "It is two years since I came to live here. |
| CIF | ADVERB CONJ IF | Conditional adverbial clause introducer: "if". Example: "If I were a bird, I would fly to you." |
| CMA | COMMA | A comma, semicolon, colon, dash, and parenthesis belong to this class according to the current grammar. |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| CO1 | NOUN CON- JUNCTION | CO1 is for noun clause introducing conjunctions. "That", "if" and "whether" are the only members of this class. Examples: "He says <u>that</u> it is true."; "He asked <u>if</u> (or <u>whether</u>) it was true." Note 1: The other word classes for "that" are: ART, CCO, PRZ, RL1, RL2, and RL6. "If" has the homograph of CIF, "whether" that of CO2. Note 2: "What, who, whom, which, when, where" and so forth at the beginning of noun clauses are regarded as relative words, not as conjunctions. |
| CO2 | ADVERB CONJ 1 | CO2 is for non-conditional adverb clause introducing conjunctions "as, while, although, when, though, still, whenever, until, whether". Example: "<u>While</u> I was walking along the street, I met an old friend of mine." These conjunctions allow elliptical structures such as "I will help you <u>when</u> necessary." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| CO3 | CONJ OF COMPAR 1 | CO3 has only one member, which is, "as" as the subordinate conjunction of comparison. CO3 normally has to be used in correlation with a member of AV3 or ADP. Examples: "I am as old as you are."; "Such a difficult question as this will never be solved in a day." CO3 can also introduce an adverbial clause which has no subject: e.g. "As is usual with him, he was late again."; "The answer to this question is as follows.". |
| CO4 | -EVER CONJ ADV | "However" is the only member of this class. The peculiarity of this word is that it introduces an adverbial clause but that it should be directly followed by an adverb, by a participle or by an adjective complement, thus causing the inversion of word order. Examples: "However hard you may try, you will not succeed." "However tired you may be, you must do it."; "However diligent you may be, you will fail." <br> Note: "However" should also be coded as AV1 (e.g. "I cannot, however, approve of your design.") |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| C05 | -EVER CONJ NOM | "Whatever, whoever, whichever" in the nominative case are the only members of this class. C05 introduces an adverbial clause and at the same time acts as a subject or a complement of a verb within the clause. Examples: "Whatever may be said about him, I have full confidence in him."; "Whoever may come, he will be accepted cordially."; "Whoever you may be, I will speak out my opinion." Note: "Whatever, whoever, whichever" should also be coded as RL3 ("Whoever wants to work here is quite welcome."). |
| C06 | -EVER CONJ ACC | "Whatever, whomever, whichever" in the accusative case are the only members of this class. C06 introduces an adverbial clause and at the same time acts as an object of a verb or a preposition within the clause. Examples: "Whomever you may meet, you have to be polite to him."; "Whichever you may refer to, you have to make sure which you are referring to." Note: "Whatever, whomever, whichever" should also be coded as RL4 (e.g. "You may choose whatever you like.") |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| CO7 | .-EVER CONJ ADJ | "Whatever, whichever" of the adjectival use are the only members of this class. CO7 introduces an adverbial clause and at the same time acts as a pre-positional modifier of a subject, complement or object noun within the clause. Examples: "Whatever book you may read, you have to read it carefully."; "Whichever book you may choose, you will be satisfied."; "Whatever position you may be in, you have to work hard in order to succeed." CO7 also introduces a noun clause, as in "You may choose whichever book you like." |
| CO8 | CONJ OF COMPAR 2 | CO8 has only one member, which is "than" as the subordinate conjunction of comparison. CO8 has to be used in correlation with ADK or ADN (adjectives in the comparative degree) or with AV6 (adverbs in the comparative degree). Examples: "I am older than you are."; "You look better today than yesterday." |
| CPR | CONJUNCTIVE ADV | Adverbs which have to be followed by a prepositional phrase: "because, regardless, irrespective, except". Examples: "I was absent from school because of illness."; "I will come regardless of the weather." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| DOI | IMPERATIVE DO | DOI has only three members, which are "do" and "don't" (used as an auxiliary in the emphatic and negative imperative) and "let's", followed by a basic form of a verb. Examples: "Don't go."; "Do perform it in this way."; "Let's go." |
| GI1 | GERUND OF VI1 | GI1 is for a gerund form of VI1 which takes neither object nor complement. Gerund forms of verbs (GI1, GI2, GI3, GT1,...,GT7) are used (1) as a subject and (2) as an object of a verb or preposition.* Examples: "He likes skiing."; "Flying is pleasant." |
| GI2 | GERUND OF VI2 | GI2 is for a gerund form of VI2 which must take a noun complement or an adjective complement. Examples: "Becoming sick is unpleasant."; "He has the intention of becoming a teacher." |

*According to the present grammar, a gerund cannot be a complement of "be". This provision is for avoiding two-fold analyses for every "be -ing" form. A sentence such as "Seeing is believing", however, cannot therefore be properly analyzed.

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| GI3 | GERUND OF VI3 | GI3 is for a gerund form of VI3 which takes neither object nor complement, but which has to be followed by a prepositional phrase. Example: "The committee stopped consisting of intelligent people." |
| GT1 | GERUND OF VT1 | GT1 is for a gerund form of VT1 which must take a single object. Examples: "Learning German is not so easy."; "He is fond of studying mathematics." |
| GT2 | GERUND OF VT2 | GT2 is for a gerund form of VT2 which must take both indirect and direct objects. Examples: "Giving these students lessons in French is very pleasant."; "I am fond of teaching them English." |
| GT3 | GERUND OF VT3 | GT3 is for a gerund form of VT3 which must take an object and an objective complement. Examples: "I am fond of making people happy."; "Making him angry gives me pleasure." |

| SWC Code | Mnemonic Expression | Comments |
|----------|---------------------|----------|
| GT4 | GERUND OF VT4 | GT4 is for a gerund form of VT4 which has to take an object followed by a basic form of a verb. Example: "I am accustomed to letting these people work." |
| GT5 | GERUND OF VT5 | GT5 is for a gerund form of VT5 which has to take an object followed by a present or past participle form of a verb. Examples: "I like hearing the bell ringing."; "Seeing a boy run over by a car gave me a shock." |
| GT6 | GERUND OF VT6 | GT6 is for a gerund form of VT6 which has to take a noun clause object. Examples: "Knowing that you are right is different from saying that I agree with you." |
| GT7 | GERUND OF VT7 | GT7 is for a gerund form of VT7 which has to take an indirect object followed by a noun clause object. Examples: "I dislike telling you that you are right."; "He stopped asking me whether I agreed with him." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| HAV | HAVE-TENSE AUX | HAV is for the finite form of "have" as an auxiliary verb of the perfect tense and have-to form. "Have, has, had" are the only members of this class. Examples: "I have finished the work."; "He has to do it." |
| HP1 | HAD AS PT1 | HP1 is for "had" as PT1. Example: "He has had his lunch." The aim of having single-member classes (HP1, HP3, HP4, HP5) for "had" is to prohibit the use of the form as a post-positional modifier which an ordinary past participle (PT1, PT3, PT4 or PT5) can serve, as in "The men recommended for promotion got their raises.". Otherwise, most of the sentences with the past perfect predicate verbs, such as "The man had finished his work.", would be subject to the unacceptable analysis in which "had" is regarded as a post-positional modifier of the preceding subject ("man") and the following verbal form ("finished") as the predicate verb. |
| HP3 | HAD AS PT3 | HP3 is for "had" as PT3. Example: "I have had it ready." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| HP4 | HAD AS PT4 | HP4 is for "had" as PT4. Example: "I have <u>had</u> him apologize." |
| HP5 | HAD AS PT5 | HP5 is for "had" as PT5. Example: "I have <u>had</u> my house built by the carpenter." |
| HPP | PAST P OF HAV | HPP is for the past participle form of "have" as HAV, i.e., as an auxiliary verb of the have-to form. "I have <u>had</u> to work all through the week-end." |
| HVG | GERUND OF HAV | HVG is for the gerund form of "have" as an auxiliary verb of the perfect tense and have-to form. "Having" is the only member of this class. Examples: "I remember <u>having</u> seen him once."; "I dislike <u>having</u> to do this." |
| HVI | INFINITE HAV | HVI is for the infinite form of "have" as an auxiliary verb of the perfect tense and have-to form. "Have" is the only member of this class. Examples: "I will <u>have</u> finished it a week ago next Tuesday."; "You will <u>have</u> to do it." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| HVP | PRESENT P OF HAV | HVP is for the present participle form of "have" as an auxiliary verb of the perfect tense and have-to form. "Having" is the only member of this class. Examples: "Having finished his work, he went home."; "Having to work on week-ends, he is very tired." |
| IAD | INTERROG ADJ | IAD is for interrogative adjectives. "Which, what, whose, how" are the only members of this class.* Examples: "Which book do you prefer?"; "What color is this?"; "Whose hat is this?" |
| IAV | INTERROG ADVERB | IAV is for interrogative adverbs. "Where, when, why, how" are the only members of this class. Examples: "Where do you live?"; "When will he come?"; "Why did you go there?"; "How do you like it?" |

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*"How" is provisionally assigned the word class IAD for structures such as "How many flowers are there in the vase?".

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| II1 | INFINITE VI1 | II1 is for an infinite form of VI1 which takes neither object nor complement. Infinite forms of verbs (II1, II2, II3, IT1, IT2,..., IT7) are used (1) as imperative verbs, (2) after an auxiliary verb (AUX) and (3) after "to" for infinitives. Examples: "Go."; "Spring will come and go."; "I want to go there." |
| II2 | INFINITE VI2 | II2 is for an infinite form of VI2 which has to take a noun complement or an adjective complement. Examples: "Grow strong."; "You will become President." |
| II3 | INFINITE VI3 | II3 if for an infinite form of VI3 which takes neither object nor complement, but which has to be followed by a prepositional phrase. Example: "The committee will consist of eight people." |
| IPN | INTERROG PRN NOM | IPN is for interrogative pronouns in the nominative case. "Who, what, which, whose" are the only members of this class. Examples: "Who are you?"; "What happened?"; "Which is better?" |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| IPO | INTERROG PRN ACC | IPO is for interrogative pronouns in the accusative case. "Whom, what, which" are the only members of this class. Examples: "Whom did you see?"; "What are you looking for?"; "Which do you like better?" |
| IT1 | INFINITE VT1 | IT1 is for an infinite form of VT1 which has to take a single object. Examples: "Study English."; "He wanted to see the world." |
| IT2 | INFINITE VT2 | IT2 is for an infinite form of VT2 which has to take both indirect and direct objects. Examples: "Give me the book."; "I will teach you English." |
| IT3 | INFINITE VT3 | IT3 is for an infinite form of VT3 which has to take an object and an objective complement. Examples: "Make me happy."; "You will find the man dead." |
| IT4 | INFINITE VT4 | IT4 is for an infinite form of VT4 which has to take an object followed by a basic form of a verb. Examples: "Let me go."; "I will make him go to the hospital." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| IT5 | INFINITE VT5 | IT5 is for an infinite form of VT5 which has to take an object followed by a present or past participle form of a verb. Examples: "Hear the bell ringing."; "You will see him punished by his father." |
| IT6 | INFINITE VT6 | IT6 is for an infinite form of VT6 which has to take a noun clause object. Example: "I have to say that it is true." |
| IT7 | INFINITE VT7 | IT7 is for an infinite form of VT7 which has to take an indirect object followed by a noun clause object. Examples: "I can tell you that you are right."; "He used to ask her if she agreed with him." |
| MMM | | Common features of NOU, NOV and NUM |
| NAD | NOUN ADVERB | NAD is for nouns which can be used adverbially. All these nouns should be coded also as NOU, NOV, or NUM, as the case may be. Nouns of time, location and measurement usually belong to this class. Examples: "I got up at six this morning."; "He worked day and night." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| NNN | | Common features of NOU, NOV, NUM, PRZ |
| NO4 | NOUN 4 | "More, most, less, least" are the only members of this class. They cannot be modified by a post-positional phrase and cannot form a compound noun phrase together with a noun. Example: "More can be said about it." |
| NOU | NOUN 1 | NOU is for a noun which can be used as a subject, object and complement, which can be modified by a pre-positional adjective of some kind, and which can be used adjectivally immediately followed by another noun. NOU in the adjectival use cannot be modified by any adverb. Examples: "A bear is an animal."; "We love peace."; "There is much to be learned about the surface tension of water." Note: With regard to the last example above, one cannot put an adjective between "surface" and "tension". This is one peculiarity of NOU. |

| SWC<br>Code | Mnemonic<br>Expression | Comments |
|---|---|---|
| NOV | NOUN 3 | NOV is for a noun which can be used as a subject and object, but which cannot be used as a complement if not preceded by a noun phrase introducing adjective, and which cannot be used adjectivally. The aim of having NOV as a distinct word class from NOU is to account for word forms which can be used both as nouns and as usual adjectives. "Red", for example, can be used both as a noun (e.g., "Red is the color I like best.") and as an adjective (e.g., "Her cheeks were as red as a rose."; "He turned slightly red."). If the word form were coded as NOU and ADJ, two-fold analyses would be obtained for sentences such as "I like a red flower." and "The flower is red.". The coding of "red" as NOV and ADJ deletes the analysis of "red" in the preceding examples as a noun used adjectivally and as a noun used as a complement. A word form which belongs to NOV also belongs to one of the classes for adjectives such as ADJ, ADL, ADM, ADN, and ADO. |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| NUM | NOUN 2 | NUM is for a noun which can be used as a subject, object and complement, and which can be modified by a pre-positional adjective of some kind, and which can be used adjectivally. When NUM is used adjectivally, it cannot be modified by an adverb, but it can be followed by one or more adjectives before a noun is reached. Numerals and some other words belong to this class. Examples: "These are the two important things to be remembered."; "One and one makes two."; "It was the first terrible blow to him." |
| PI1 | PAST P OF VI1 | PI1 is for a past participle form of VI1 which takes neither object nor complement. Past participle forms of verbs are used (1) in the perfect tense together with a form of "have", (2) in the passive voice together with a form of "be", (3) as a passive post-positional modifier of nouns, and (4) in the passive participial construction. There are some restrictions with the use of past participle forms in the passive sense which appears |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| | | in (2), (3) and (4). When PI1 is used in the passive sense, it has to be followed by a preposition without an object. Examples: (1) "Spring has come."; (2) "He was run over by a car."; (3) "The boy run over by a car was the son of my friend."; (4) "Run over by a car, the boy was found dead." |
| PI2 | PAST P OF VI2 | PI2 is for a past participle form of VI2 which has to take a noun complement or an adjective complement. PI2 cannot be used in the passive sense. Example: "The leaves have turned red." |
| PI3 | PAST P OF VI3 | PI3 is for a past participle form of VI3 which takes neither object nor complement, but which has to be followed by a prepositional phrase. When PI3 is used in the passive sense, it has to be followed by a preposition without an object. Examples: "I have applied for the vacant post."; "The position was applied for by a man."; "This was the position applied for by a large number of people." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| PRD | PERIOD | PRD is for a period or an exclamation mark which signifies the end of a sentence. |
| PRE | PREPOSITION | PRE is for prepositions. Examples: "I went to school."; "There is a book on the desk." Note: If the same word form can be used an an adverb by itself, it also belongs to AV2 (e.g. "He called me up.") |
| PRN | PERSONAL PRN NOM | PRN is for personal pronouns in the nominative case. "I, you, he, she, it, we, they" are the only members of this class. Examples: "I am a student."; "It is you." |
| PRO | PERSONAL PRN ACC | PRO is for personal pronouns in the accusative case. "Me, you, him, her, it, us, them" belong to this class. Examples: "He likes me."; "I like it." Adverbs such as "here", "now" are provisionally assigned the word class PRO for structures such as "from here", and "from now". |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| PRZ | INDEFINITE PRN | PRZ is for demonstrative pronouns ("this, these, that, those") and indefinite pronouns ("someone, another, everyone," etc.). The characteristics of a member of this class are (1) that it cannot be modified by any pre-positional adjective and (2) that it can be followed by a post-positional adjective or participle without the intervention of a comma. The first feature is shared by PRN and PRO, but not by any of the noun classes. The second feature is shared by noun classes, but not by PRN or by PRO. Examples: "Something strange happened."; not "Strange something happened." |
| PT1 | PAST P OF VT1 | PT1 is for a past participle form of VT1 which must take a single object. In addition to the four uses of past participles listed in the entry for PI1, PT1 can be used as a pre-positional attributive of nouns. When PT1 is used in the passive sense, it cannot be followed by an object. |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| | | Examples: "I have read the paper."; "The paper was read before the audience."; "This is the letter written by my wife."; "Wounded in battle, the soldiers were taken prisoners."; "The wounded soldiers were taken prisoners." |
| PT2 | PAST P OF VT2 | PT2 is for a past participle form of VT2 which has to take both indirect and direct objects. When PT2 is used in the passive sense, only one of the two objects should remain after it. Examples: "I have taught him English."; "He has been taught English."; "Students, taught mathematics by him, became very interested in the subject." |
| PT3 | PAST P OF VT3 | PT3 is for a past participle form of VT3 which has to take an object followed by an objective complement. When PT3 is used in the passive sense, an objective complement remains after it. Examples: "I have made him happy."; "He was found guilty."; "The man, appointed president of the company, took decisive steps to reform the company." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| PT4 | PAST P OF VT4 | PT4 is for a past participle form of VT4 which has to take an object followed by a basic form of a verb. When PT4 is used in the passive sense, it is followed by a to-infinitive. Examples: "No one has <u>made</u> us believe in communism."; "They have been <u>made</u> to believe in communism." |
| PT5 | PAST P OF VT5 | PT5 is for a past participle form of VT5 which has to take an object followed by a present or past participle form of a verb. When PT5 is used in the passive sense, it is followed by a participle form. Examples: "I have <u>heard</u> the bell ringing."; "He was <u>seen</u> entering the house." |
| PT6 | PAST P OF VT6 | PT6 is for a past participle form of VT6 which has to take a noun clause object. Example: "He has <u>said</u> that he believes in democracy." According to our grammar, PT6 is regarded as precluded from use in the passive sense. The reason for this provision is that if all the word forms which belong to PT6 have the homograph PT1, PT1 is enough to explain the passive use of these forms. For example, "said" in "It was <u>said</u> quickly." is regarded only as PT1, not as PT6. |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| PT7 | PAST P OF VT7 | PT7 is for a past participle form of VT7 which has to take an object followed by a noun clause object. When PT7 is used in the passive sense, it is followed by a noun clause object alone. Examples: "He has told us that he loves peace."; "Asked whether he liked peace, he answered yes." |
| QUE | QUESTION MARK | QUE is for a question mark. |
| RI1 | PRESENT P OF VI1 | RI1 is for a present participle form of VI1 which takes neither object nor complement. Present participle forms of verbs (RI1, RI2, RI3, RT1, RT2,..., RT7) are used (1) in the progressive form together with a form of "be", (2) in the participial construction, and (3) as a post-positional modifier of nouns. In addition to these three features of present participle forms, (4) RI1 can be used as a pre-positional attributive of nouns. Examples: (1) "He is coming."; (2) "Walking along the street, I met an old friend of mine."; (3) "Look at a man coming towards us."; (4) "This is a flying plane." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| RI2 | PRESENT P OF VI2 | RI2 is for a present participle form of VI2 which has to take a noun complement or an adjective complement. Examples: "It is getting cold."; "Getting angry, he shouted at me."; "I like leaves turning red." |
| RI3 | PRESENT P OF VI3 | RI3 is for a present participle form of VI3 which takes neither object nor complement, but which must be followed by a prepositional phrase. Examples: "Consisting of eight members, the committee discusses the problems of juvenile delinquency."; "Several questions corresponding to the first part of his paper have been raised." |
| RL1 | RELATIVE PRN NOM | RL1 is for relative pronouns in the nominative case. "Who, that, which" are the only members of this class. RL1 introduces an adjectival clause in which it plays a role of either subject or complement of a verb. Examples: "This is the man who teaches me French."; "The kind of a boy that he is now tells the kind of a man that he is to become." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| RL2 | RELATIVE PRN ACC | RL2 is for relative pronouns in the accusative case. "Whom, that, which" are the only members of this class. RL2 introduces an adjectival clause in which it plays a role of an object of a verb or preposition. Examples: "This is the man whom I love."; "This is the thing that I have been looking for." |
| RL3 | REL PRN NOM WHAT | RL3 is for relative pronouns in the nomiative case which have no antecedents. "What, whatever, whoever, whichever" are the only members of this class. RL3 introduces a noun clause in which it plays a role of either subject or complement of a verb. Examples: "This is what happened."; "You can take whatever suits you."; "This is what I am." |
| RL4 | REL PRN ACC WHAT | RL4 is for relative pronouns in the accusative case which have no antecedents. "What, whatever, whomever, whichever" are the only members of this class. RL4 introduces a noun clause in which it plays a role of object of a verb or preposition. Examples: "He gave me what he had in his hand."; "You may choose whichever you like." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| RL5 | RELATIVE ADJ | RL5 is for the relative adjective "whose", which is the only member of this class. RL5 introduces an adjective clause in which it plays a role of a pre-positional adjective. Example:  "A child whose parents are dead is called an orphan." |
| RL6 | RELATIVE ADVERB | RL6 is for relative adverbs.  "Where, when, why, that" are the only members of this class. RL6 introduces an adjective clause within which it acts as an adverb.  Examples:  "This is the town where I was born."; "This is the reason why he failed."; "He was born on the same day that his mother died.";  "The fact that he is wrong is obvious." |
| RT1 | PRESENT P OF VT1 | RT1 is for a present participle form of VT1 which must take a single object.  Examples: "He is studying English."; "Hitting the ball, he dashed to the base."; "The boy reading a book in the room is my brother." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| RT2 | PRESENT P OF VT2 | RT2 is for a present participle form of VT2 which must take both indirect and direct objects. Examples: "Giving me the money, he went away."; "I am teaching them English." |
| RT3 | PRESENT P OF VT3 | RT3 is for a present participle form of VT3 which must take an object and an objective complement. Examples: "Finding the man dead, he screamed in horror."; "They have been making these people happy." |
| RT4 | PRESENT P OF VT4 | RT4 is for a present participle form of VT4 which has to take an object followed by a basic form of a verb. Examples: "Hearing the bell ring, he left home for church."; "I have been letting him work only twice a week." |
| RT5 | PRESENT P OF VT5 | RT5 is for a present participle form of VT5 which has to take an object followed by a present or past participle form of a verb. Examples: "Hearing the bell ringing, he left home for church."; "I have been watching the boy teased by everyone." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| RT6 | PRESENT P OF VT6 | RT6 is for a present participle form of VT6 which has to take a noun clause object. Examples: "He went away, saying that he could not agree with me."; "I have received a latter saying that he will be coming to town." |
| RT7 | PRESENT P OF VT7 | RT7 is for a present participle form of VT7 which has to take an indirect object followed by a noun clause object. Examples: "He went away telling me that he could not agree with me."; "The book, teaching us that we should always be honest, is a good guide for life." |
| TIT | TEMPORARY SUBJECT | TIT is for "it" as the temporary subject of a sentence or of a participial phrase. Examples: "It is true that we love peace."; "It is difficult always to be consistent."; "It being difficult always to be consistent, one can make many mistakes." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| TOI | TO FOR IN-FINITIVE | TOI is for "to" which introduces to-infinitives. To-infinitives can be used (1) in the have-to form, (2) as objects of verbs. (3) as complement of passive PT4, (4) as subjects of verbs, (5) as post-positional attributive of nouns and (6) as adverbs. Examples: (1) "I have <u>to</u> go there."; (2) "I want <u>to</u> go there."; (3) "He was made <u>to</u> go."; (4) "<u>To</u> work is my duty."; (5) "Give me something <u>to</u> eat."; (6) "I went there <u>to</u> see a friend of mine." Note: "To" should also be coded as PRE (I went <u>to</u> Washington.). |
| VI1 | COMPLETE VI | VI1 is for a finite form of a complete intransitive[*] verb which takes neither object nor complement. Finite forms of verbs (VI1, VI2, VI3, VT1, VT2,..., VT7) are used as predicate verbs which have subjects of their own. Examples: "Spring <u>comes</u> and <u>goes</u>."; "He <u>swims</u> in a pool." |

[*]A verb is "complete" if it does not need a complement and is "incomplete" if it needs one. A verb is "intransitive" if it does not require an object, and is "transitive" if it does need an object.

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| VI2 | COPULATIVE VI | VI2 is for a finite form of an intransitive verb which has to take a noun complement or an adjective complement. Examples: "He became sick."; "He became a teacher." |
| VI3 | PREPOSI-TIONAL VI | VI3 is for a finite form of a complete intransitive verb which takes neither object nor complement, but which has to be followed by a prepositional phrase. Examples: "A corresponds to B."; "The committee consists of eight members." |
| VT1 | SINGLE OBJECT VT | VT1 is for a finite form of a complete transitive verb which has to take a single object. Examples: "I like coffee."; "He hit the ball."; "He learned German." |
| VT2 | DOUBLE OBJECT VT | VT2 is for a finite form of a complete transitive verb which has to take both indirect and direct objects. Examples: "He gave me a book."; "He taught the boy English." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| VT3 | OBJECT-COMPL VT | VT3 is for a finite form of an incomplete transitive verb which has to take an object and an objective complement. Examples: "He made me happy"; "They appointed him president of the company."; "I found him dead."; "I found him a reliable person." |
| VT4 | OBJ-INF VERB VT | VT4 is for a finite form of an incomplete transitive verb which has to take an object followed by a basic form of a verb. So-called causative verbs and perceptive verbs, such as "make, let, have; see, find, watch, hear", belong to this class. Examples: "I made him go."; "I had a student do the work."; "I saw them move."; "He hears the bell ring." |
| VT5 | OBJ-PARTICIPLE VT | VT5 is for a finite form of an incomplete transitive verb which has to take an object followed by a present or past participle form of a verb. So-called perceptive verbs belong to this class. Examples: "I saw them killed."; "He hears the bell ringing."; "I felt my fingers trembling." |

| SWC Code | Mnemonic Expression | Comments |
|---|---|---|
| VT6 | NOUN CLAUSE VT | VT6 is for a finite form of a complete transitive verb which has to take a noun clause object. So-called reporting and knowing verbs belong to this class. Examples: "He said that it was true."; "He asked if I knew it."; "He taught that life should be enjoyed." |
| VT7 | OBJ-NOUN CL VT | VT7 is for a finite form of a complete transitive verb which has to take an indirect object followed by a noun clause object. Examples: "He told me that it was true."; "He asked me if I knew it."; "He taught us that life can be enjoyable." Note: "Said" for example cannot be used as VT7. |
| XCO | COORDINATE CONJ1 | XCO is for coordinate conjunctions which can connect the same two structures of almost any nature. "And, or, but, nor" are the only members of this class. Examples: "I am old and you are young."; "Either you or I am right."; "He succeeded not only in doing it but also in doing it perfectly." |
| YCO | COORDINATE CONJ2 | YCO is for coordinate conjunctions which can only connect two coordinate clauses. Example: "I will say no more, for I detest explanations." |

# APPENDIX B

## LIST OF THE DISTINCT ARGUMENT PAIRS, SORTED ON THE WORD CLASS CODES

| SWC, PREDICTION | | | | | |
|---|---|---|---|---|---|
| AAA,AC | ADP,AP | AV1,PD | AV3,XC | AV6,4X | AV8,RR |
| AAA,C" | ADP,MX | AV1,PF | AV3,XD | AV6,AI | AV8,RS |
| AAA,CN | ADP,N2 | AV1,PG | AV4,DB | AV6,AP | AV8,SE |
| AAA,DA | ADP,N3 | AV1,PH | AV4,DC | AV6,CM | AV8,SF |
| AAA,DN | ADP,NQ | AV1,PI | AV4,SE | AV6,CN | AV8,SG |
| AAA,MX | ADP,SE | AV1,PJ | AV4,SF | AV6,DA | AV8,UX |
| AAA,N2 | ADP,SF | AV1,Q1 | AV4,SG | AV6,DB | AV8,VX |
| AAA,N3 | ADP,SG | AV1,QU | AV5,1X | AV6,DP | AV8,WX |
| AAA,NQ | ADP,VX | AV1,R1 | AV5,AI | AV6,IF | AV8,XC |
| AAA,PD | ART,AR | AV1,RR | AV5,AP | AV6,IG | AV8,XD |
| AAA,QU | AUX,CX | AV1,RS | AV5,B1 | AV6,MX | BE1,IX |
| AAA,VX | AUX,IX | AV1,SE | AV5,BV | AV6,N2 | BE1,SE |
| AAA,WX | AUX,SE | AV1,SF | AV5,BW | AV6,N3 | BE1,VX |
| AAB,1X | AUX,TX | AV1,SG | AV5,BX | AV6,N5 | BE1,WX |
| AAB,4X | AUX,UX | AV1,TX | AV5,BY | AV6,N6 | BE2,CX |
| AAB,AI | AUX,VX | AV1,UX | AV5,CM | AV6,NC | BE2,EX |
| AAB,MX | AUX,WX | AV1,VX | AV5,CN | AV6,NE | BE2,SE |
| AAB,N2 | AV1,1X | AV1,WX | AV5,CX | AV6,NQ | BE2,VX |
| AAB,N3 | AV1,33 | AV1,XC | AV5,DA | AV6,PA | BE2,WX |
| AAB,N5 | AV1,4X | AV1,XD | AV5,DB | AV6,PD | BE3,FX |
| AAB,N6 | AV1,88 | AV2,33 | AV5,DP | AV6,PF | BE3,IX |
| AAB,NQ | AV1,A1 | AV2,88 | AV5,DQ | AV6,QU | BE3,SE |
| AAB,PD | AV1,AC | AV2,C3 | AV5,FX | AV6,SE | BE3,VX |
| AAB,QU | AV1,AI | AV2,C8 | AV5,G1 | AV6,SF | BE3,WX |
| AAB,SE | AV1,AP | AV2,CM | AV5,GR | AV6,SG | BG1,1X |
| AAB,SF | AV1,AR | AV2,CN | AV5,HX | AV6,VX | BG1,GR |
| AAB,SG | AV1,B1 | AV2,DA | AV5,IF | AV6,WX | BG1,N2 |
| ADJ,4X | AV1,BV | AV2,DB | AV5,IG | AV6,XC | BG1,SE |
| ADJ,A1 | AV1,BW | AV2,NC | AV5,II | AV6,XD | BG1,SF |
| ADJ,AI | AV1,BX | AV2,PD | AV5,IX | AV7,DB | BG1,SG |
| ADJ,AP | AV1,BY | AV2,QU | AV5,MX | AV8,1X | BG2,1X |
| ADJ,N5 | AV1,C2 | AV2,SE | AV5,N2 | AV8,AC | BG2,GR |
| ADJ,N6 | AV1,C3 | AV2,SF | AV5,N3 | AV8,AI | BG2,N2 |
| ADJ,SE | AV1,C8 | AV2,VX | AV5,N5 | AV8,AP | BG2,SE |
| ADJ,SG | AV1,CM | AV2,WX | AV5,NC | AV8,BY | BG2,SF |
| ADK,AP | AV1,CN | AV2,XC | AV5,ND | AV8,CM | BG2,SG |
| ADK,SE | AV1,CX | AV2,XD | AV5,NE | AV8,CN | BG3,1X |
| ADK,SG | AV1,DA | AV3,1X | AV5,NQ | AV8,CX | BG3,GR |
| ADL,4X | AV1,DB | AV3,AC | AV5,PA | AV8,DA | BG3,N2 |
| ADL,DN | AV1,DP | AV3,AI | AV5,PB | AV8,DB | BG3,SE |
| ADL,N5 | AV1,DQ | AV3,AP | AV5,PD | AV8,DP | BG3,SF |
| ADL,N6 | AV1,EX | AV3,BV | AV5,PF | AV8,FX | BG3,SG |
| ADM,4X | AV1,FX | AV3,CM | AV5,PG | AV8,GR | BI1,BV |
| ADM,N5 | AV1,G1 | AV3,CN | AV5,PH | AV8,IF | BI1,BW |
| ADM,N6 | AV1,GR | AV3,DA | AV5,PI | AV8,IG | BI1,BX |
| ADN,1X | AV1,HX | AV3,DB | AV5,PJ | AV8,II | BI1,SE |
| ADN,AC | AV1,IF | AV3,DP | AV5,Q1 | AV8,IX | BI2,BV |
| ADN,MX | AV1,IG | AV3,MX | AV5,QU | AV8,MX | BI2,BW |
| ADN,N2 | AV1,II | AV3,N2 | AV5,R1 | AV8,N2 | BI2,BY |
| ADN,NQ | AV1,IX | AV3,N3 | AV5,RR | AV8,N3 | BI2,SE |
| ADN,SE | AV1,MX | AV3,NC | AV5,RS | AV8,ND | BI3,B1 |
| ADN,SF | AV1,N2 | AV3,NE | AV5,SE | AV8,NE | BI3,BV |
| ADN,SG | AV1,N3 | AV3,NQ | AV5,SF | AV8,NQ | BI3,BW |
| ADO,4X | AV1,N5 | AV3,PA | AV5,SG | AV8,PA | BI3,BX |
| ADO,A1 | AV1,N6 | AV3,PD | AV5,TX | AV8,PB | BP1,PF |
| ADO,A2 | AV1,NC | AV3,PF | AV5,UX | AV8,PD | BP1,PG |
| ADO,N5 | AV1,ND | AV3,QU | AV5,VX | AV8,PF | BP1,PH |
| ADO,N6 | AV1,NE | AV3,SE | AV5,WX | AV8,PG | BP2,PF |
| ADP,1X | AV1,NQ | AV3,SF | AV5,XC | AV8,PH | BP2,PG |
| ADP,4X | AV1,PA | AV3,SG | AV5,XD | AV8,PI | BP2,PI |
| ADP,AC | AV1,PB | AV3,VX | AV6,1X | AV8,QU | BP3,PF |

| SWC, PREDICTION | | | | | |
|---|---|---|---|---|---|
| BP3,PG | CMA,NQ | CO6,SE | GT3,SE | IAD,NC | IT7,BV |
| BP3,PH | CMA,PA | CO6,SG | GT3,SF | IAD,NE | IT7,BW |
| BP3,PJ | CMA,PB | CO7,CM | GT3,SG | IAD,SE | IT7,SE |
| BP3,Q1 | CMA,PD | CO7,CN | GT4,1X | IAD,SG | MMM,4X |
| BR1,PA | CMA,PF | CO7,DA | GT4,GR | IAV,1X | MMM,7X |
| BR1,SE | CMA,PG | CO7,N2 | GT4,N2 | IAV,ID | MMM,N5 |
| BR1,SG | CMA,PH | CO7,PD | GT4,SE | IAV,MX | MMM,N6 |
| BR2,AP | CMA,PI | CO7,SE | GT4,SF | IAV,NC | MMM,N8 |
| BR2,PA | CMA,Q1 | CO7,SG | GT4,SG | IAV,ND | MMM,N9 |
| BR2,PB | CMA,QU | CO8,88 | GT5,1X | IAV,NE | NAD,DN |
| BR2,SE | CMA,R1 | CO8,C8 | GT5,GR | IAV,SE | NAD,PD |
| BR2,SG | CMA,RR | CPR,CM | GT5,N2 | IAV,SG | NAD,QU |
| BR3,AP | CMA,RS | CPR,CN | GT5,SE | II1,B1 | NAD,SE |
| BR3,PA | CMA,SE | CPR,DA | GT5,SF | II1,BV | NAD,SG |
| BR3,PB | CMA,SF | CPR,DB | GT5,SG | II1,BW | NAD,VX |
| BR3,SE | CMA,SG | CPR,NC | GT6,1X | II1,BX | NAD,WX |
| BR3,SG | CMA,TX | CPR,NE | GT6,GR | II1,SE | NNN,1X |
| CCO,CM | CMA,UX | CPR,PD | GT6,N2 | II2,BV | NNN,AC |
| CCO,CN | CMA,VX | CPR,QU | GT6,SE | II2,BW | NNN,MX |
| CCO,DA | CMA,WX | CPR,SE | GT6,SF | II2,BY | NNN,N2 |
| CCO,PD | CMA,XC | CPR,SG | GT6,SG | II2,SE | NNN,NQ |
| CCO,QU | CMA,XD | CPR,XC | GT6,SG | II3,B1 | NNN,SE |
| CCO,SE | CO1,1X | CPR,XD | GT7,1X | II3,BV | NNN,SF |
| CCO,SG | CO1,NC | DOI,SE | GT7,GR | II3,BW | NNN,SG |
| CIF,C2 | CO1,ND | GI1,1X | GT7,N2 | II3,SE | NO4,4X |
| CIF,CM | CO1,NE | GI1,GR | GT7,SE | IPN,1X | NO4,AC |
| CIF,CN | CO1,SE | GI1,N2 | GT7,SF | IPN,IN | NO4,MX |
| CIF,DA | CO1,SG | GI1,SE | GT7,SG | IPN,IQ | NO4,N2 |
| CIF,PD | CO2,C2 | GI1,SF | HAV,CX | IPN,MX | NO4,N5 |
| CIF,QU | CO2,CM | GI1,SG | HAV,HX | IPN,NC | NO4,N6 |
| CIF,SE | CO2,CN | GI2,1X | HAV,IX | IPN,NE | NO4,NQ |
| CIF,SG | CO2,DA | GI2,GR | HAV,SE | IPN,SG | NO4,SE |
| CMA,1X | CO2,PD | GI2,N2 | HAV,TX | IPO,1X | NO4,SG |
| CMA,33 | CO2,QU | GI2,SE | HAV,VX | IPO,IO | NOU,1X |
| CMA,4X | CO2,SE | GI2,SF | HAV,WX | IPO,MX | NOU,4X |
| CMA,88 | CO2,SG | GI2,SG | HP1,PF | IPO,NC | NOU,7X |
| CMA,AC | CO3,33 | GI3,1X | HP1,PG | IPO,NE | NOU,AC |
| CMA,AI | CO3,AC | GI3,GR | HP3,PF | IPO,SE | NOU,MX |
| CMA,B1 | CO3,C3 | GI3,N2 | HP3,PG | IPO,SG | NOU,N2 |
| CMA,BV | CO3,DA | GI3,SE | HP4,PF | IT1,B1 | NOU,N3 |
| CMA,BW | CO3,PD | GI3,SF | HP4,PG | IT1,BV | NOU,N5 |
| CMA,BX | CO3,QU | GI3,SG | HP5,PF | IT1,BW | NOU,N6 |
| CMA,BY | CO3,SE | GT1,1X | HP5,PG | IT1,BY | NOU,N8 |
| CMA,C2 | CO3,SG | GT1,7X | HPP,PF | IT1,SE | NOU,N9 |
| CMA,CM | CO4,CM | GT1,G1 | HPP,PG | IT2,BV | NOU,NO |
| CMA,CN | CO4,CN | GT1,GR | HVG,1X | IT2,BW | NOU,SE |
| CMA,DB | CO4,DA | GT1,N2 | HVG,GR | IT2,BY | NOU,SF |
| CMA,EX | CO4,PD | GT1,N8 | HVG,N2 | IT2,SE | NOU,SG |
| CMA,FX | CO4,QU | GT1,N9 | HVG,SE | IT3,BV | NUM,1X |
| CMA,HX | CO4,SE | GT1,SE | HVG,SF | IT3,BW | NUM,4X |
| CMA,IF | CO4,SG | GT1,SF | HVG,SG | IT3,SE | NUM,7X |
| CMA,IG | CO5,CM | GT1,SG | HVI,BV | IT4,BV | NUM,A1 |
| CMA,II | CO5,CN | GT2,1X | HVI,BW | IT4,BW | NUM,AC |
| CMA,IX | CO5,DA | GT2,GR | HVI,BX | IT4,SE | NUM,DA |
| CMA,N2 | CO5,PD | GT2,N2 | HVI,BY | IT5,BV | NUM,DN |
| CMA,N3 | CO5,SE | GT2,SE | HVP,PA | IT5,BW | NUM,MX |
| CMA,N5 | CO5,SG | GT2,SF | HVP,SE | IT5,SE | NUM,N2 |
| CMA,N6 | CO6,CM | GT2,SG | HVP,SG | IT6,BV | NUM,N3 |
| CMA,NC | CO6,CN | GT3,1X | IAD,IN | IT6,BW | NUM,N5 |
| CMA,ND | CO6,DA | GT3,GR | IAD,IO | IT6,SE | NUM,N6 |
| CMA,NE | CO6,PD | GT3,N2 | IAD,IQ | | NUM,NQ |

| SWC, PREDICTION | | | | |
|---|---|---|---|---|
| NUM,PD | PRE,QU | PT4,SG | RT1,PB | VI2,VX |
| NUM,QU | PRE,SE | PT5,AP | RT1,R1 | VI2,WX |
| NUM,SE | PRE,SF | PT5,PA | RT1,RS | VI3,TX |
| NUM,SF | PRE,SG | PT5,PB | RT1,SE | VI3,VX |
| NUM,SG | PRE,UX | PT5,PF | RT1,SG | VI3,WX |
| NUM,VX | PRE,VX | PT5,PG | RT2,AP | VT1,CX |
| NUM,WX | PRE,WX | PT5,SE | RT2,PA | VT1,TX |
| PI1,AP | PRE,XC | PT5,SG | RT2,PB | VT1,VX |
| PI1,PA | PRE,XD | PT6,PF | RT2,RS | VT1,WX |
| PI1,PF | PRN,1X | PT6,PG | RT2,SE | VT2,CX |
| PI1,PG | PRN,AC | PT7,AP | RT2,SG | VT2,VX |
| PI1,PH | PRN,MX | PT7,PA | RT3,AP | VT2,WX |
| PI1,Q1 | PRN,N3 | PT7,PB | RT3,PA | VT3,VX |
| PI1,RR | PRN,SE | PT7,PF | RT3,PB | VT3,WX |
| PI1,SE | PRN,SF | PT7,PG | RT3,SE | VT4,VX |
| PI1,SG | PRN,SG | PT7,SE | RT3,SG | VT4,WX |
| PI2,PF | PRO,N2 | PT7,SE | RT4,AP | VT5,VX |
| PI2,PG | PRO,N3 | PT7,SG | RT4,PA | VT5,WX |
| PI2,PI | PRO,NQ | QUE,QU | RT4,PB | VT6,VX |
| PI3,AP | PRZ,N3 | RI1,1X | RT4,SE | VT6,WX |
| PI3,PA | PT1,1X | RI1,4X | RT4,SG | VT7,VX |
| PI3,PF | PT1,4X | RI1,A1 | RT5,AP | VT7,WX |
| PI3,PG | PT1,A1 | RI1,AC | RT5,PA | XCO,4X |
| PI3,Q1 | PT1,AC | RI1,AP | RT5,PB | XCO,CM |
| PI3,RR | PT1,AP | RI1,DN | RT5,SE | XCO,DN |
| PI3,SE | PT1,MX | RI1,MX | RT5,SG | XCO,N5 |
| PI3,SG | PT1,N2 | RI1,N2 | RT6,AP | XCO,N6 |
| PRO,PD | PT1,N3 | RI1,N3 | RT6,PA | XCO,PD |
| PRE,1X | PT1,N5 | RI1,N5 | RT6,PB | XCO,QU |
| PRE,33 | PT1,N6 | RI1,N6 | RT6,SE | XCO,XC |
| PRE,88 | PT1,NQ | RI1,NQ | RT6,SG | XCO,XD |
| PRE,AC | PT1,PA | RI1,PA | RT7,AP | YCO,SE |
| PRE,AI | PT1,PB | RI1,PB | RT7,PA | |
| PRE,AR | PT1,PF | RI1,R1 | RT7,PB | |
| PRE,BV | PT1,PG | RI1,RR | RT7,SE | |
| PRE,BW | PT1,PI | RI1,SE | RT7,SG | |
| PRE,C3 | PT1,Q1 | RI1,SG | TIT,SE | |
| PRE,C8 | PT1,R1 | RI2,AP | TIT,SF | |
| PRE,CM | PT1,RR | RI2,PA | TIT,SG | |
| PRE,CN | PT1,SE | RI2,PB | TOI,1X | |
| PRE,DA | PT1,SG | RI2,RS | TOI,AP | |
| PRE,DB | PT2,AP | RI2,SE | TOI,CM | |
| PRE,DP | PT2,PB | RI2,SG | TOI,CN | |
| PRE,DQ | PT2,PF | RI3,AP | TOI,DA | |
| PRE,EX | PT2,PG | RI3,PA | TOI,I1 | |
| PRE,FX | PT2,PI | RI3,PB | TOI,IF | |
| PRE,HX | PT2,SE | RI3,R1 | TOI,IG | |
| PRE,IF | PT2,SG | RI3,SE | TOI,IH | |
| PRE,IG | PT3,AP | RI3,SG | TOI,II | |
| PRE,IX | PT3,PA | RL1,AC | TOI,N2 | |
| PRE,MX | PT3,PB | RL2,AC | TOI,PD | |
| PRE,N2 | PT3,PF | RL2,LB | TOI,QU | |
| PRE,N3 | PT3,PG | RL3,N2 | TOI,SE | |
| PRE,NC | PT3,SE | RL3,NQ | TOI,SF | |
| PRE,ND | PT3,SG | RL4,N2 | TOI,SG | |
| PRE,NE | PT4,AP | RL4,NQ | TOI,VX | |
| PRE,PA | PT4,PA | RL5,AC | VI1,IX | |
| PRE,PB | PT4,PB | RL5,LB | VI1,TX | |
| PRE,PD | PT4,PF | RL6,AC | VI1,VX | |
| PRE,PF | PT4,PG | RT1,AP | VI1,WX | |
| PRE,PG | PT4,SE | RT1,PA | VI2,CX | |

# APPENDIX C

## LIST OF THE ARGUMENT PAIRS IN WHICH
## EACH PREDICATION IS GENERATED

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| 1C-A | 33,CO3-2 | 1X-X | 1X,CMA-0 | 1Z-A | DA,CO7-0 | 1Z-A | SE,CO7-2 |
| 1C-A | 88,CO8-2 | 1X-X | 1X,CMA-1 | 1Z-A | DA,CO7-1 | 1Z-A | SE,CO7-2 |
| 1C-A | AC,ADP-1 | 1X-X | 1X,PRE-0 | 1Z-A | D8,AV3-1 | 1Z-A | SE,IAD-1 |
| 1C-A | AC,NNN-5 | 1X-X | 1X,PRE-1 | 1Z-A | DN,ADL-2 | 1Z-A | SE,IAD-2 |
| 1C-A | AP,ADP-0 | 1X-X | 1X,PRE-2 | 1Z-A | DP,AV6-3 | 1Z-A | SE,IAD-3 |
| 1C-A | CM,CIF-2 | 1X-X | MX,ADN-0 | 1Z-A | MX,IAV-0 | 1Z-A | SE,IAD-C |
| 1C-A | CM,CIF-3 | 1X-X | MX,AV3-1 | 1Z-A | MX,IAV-1 | 1Z-A | SE,IAD-C |
| 1C-A | CN,CIF-2 | 1Z-A | 1X,IAV-0 | 1Z-A | MX,IAV-1 | 1Z-A | SE,IAD-4 |
| 1C-A | CN,CIF-3 | 1Z-A | 1X,IAV-0 | 1Z-A | MX,IAV-2 | 1Z-A | SE,IAD-D |
| 1C-A | DA,CIF-2 | 1Z-A | 1X,IAV-1 | 1Z-A | MX,IPN-0 | 1Z-A | SE,IAD-5 |
| 1C-A | DA,CIF-3 | 1Z-A | 1X,IPN-1 | 1Z-A | MX,IPN-0 | 1Z-A | SE,IAD-E |
| 1C-A | DA,CIF-4 | 1Z-A | IX,IPN-1 | 1Z-A | N2,AV3-1 | 1Z-A | SE,IAD-6 |
| 1C-A | DA,CO2-2 | 1Z-A | 33,CO3-5 | 1Z-A | N2,CO7-0 | 1Z-A | SE,IAD-F |
| 1C-A | DN,ADL-1 | 1Z-A | 33,CO3-6 | 1Z-A | N2,RL3-1 | 1Z-A | SE,IAD-7 |
| 1C-A | PD,CIF-3 | 1Z-A | 33,CO3-7 | 1Z-A | NC,AV3-1 | 1Z-A | SE,IAD-8 |
| 1C-A | SE,ADN-0 | 1Z-A | 88,CO8-5 | 1Z-A | NC,IAD-2 | 1Z-A | SE,IAD-9 |
| 1C-A | SE,AV3-4 | 1Z-A | 88,CO8-6 | 1Z-A | NC,IAD-2 | 1Z-A | SE,IAV-0 |
| 1C-A | SE,CIF-3 | 1Z-A | 88,CO8-7 | 1Z-A | NC,IPN-1 | 1Z-A | SE,IAV-1 |
| 1C-A | SE,CIF-3 | 1Z-A | AC,ADN-0 | 1Z-A | NC,IPN-1 | 1Z-A | SE,IAV-2 |
| 1C-A | SE,NNN-5 | 1Z-A | AC,AV3-0 | 1Z-A | NE,AV3-1 | 1Z-A | SE,IAV-3 |
| 1C-A | SE,NNN-5 | 1Z-A | AC,AV8-0 | 1Z-A | NE,IAD-2 | 1Z-A | SE,IAV-4 |
| 1C-A | SE,PRN-4 | 1Z-A | AC,RL1-1 | 1Z-A | NE,IAD-2 | 1Z-A | SE,IAV-4 |
| 1C-A | SE,PRN-4 | 1Z-A | AC,RL1-1 | 1Z-A | NE,IPN-1 | 1Z-A | SE,IAV-5 |
| 1C-A | SF,ADN-0 | 1Z-A | AC,RL6-0 | 1Z-A | NE,IPN-1 | 1Z-A | SE,IAV-8 |
| 1C-A | SF,NNN-5 | 1Z-A | AC,RL6-1 | 1Z-A | NQ,RL3-1 | 1Z-A | SE,IPN-1 |
| 1C-A | SF,PRN-4 | 1Z-A | AC,RL6-1 | 1Z-A | NQ,RL4-0 | 1Z-A | SE,IPN-2 |
| 1C-A | SG,ADN-0 | 1Z-A | AI,AV3-1 | 1Z-A | PD,AV3-1 | 1Z-A | SE,IPN-3 |
| 1C-A | SG,AV3-4 | 1Z-A | AI,AV6-2 | 1Z-A | PD,AV6-2 | 1Z-A | SE,IPN-4 |
| 1C-A | SG,CIF-3 | 1Z-A | CM,CCO-0 | 1Z-A | PD,CCO-0 | 1Z-A | SE,IPN-5 |
| 1C-A | SG,CIF-3 | 1Z-A | CM,CO2-4 | 1Z-A | PD,CO2-4 | 1Z-A | SE,IPN-7 |
| 1C-A | SG,NNN-5 | 1Z-A | CM,CO2-2 | 1Z-A | PD,CO4-0 | 1Z-A | SE,IPN-7 |
| 1C-A | SG,PRN-4 | 1Z-A | CM,CO2-3 | 1Z-A | PD,CO4-1 | 1Z-A | SE,IPN-9 |
| 1C-B | PD,CMA-2 | 1Z-A | CM,CO4-0 | 1Z-A | PD,CO4-2 | 1Z-A | SE,IPO-0 |
| 1C-B | SE,ADN-3 | 1Z-A | CM,CO4-1 | 1Z-A | PD,CO5-0 | 1Z-A | SE,IPO-1 |
| 1C-B | SE,AV3-1 | 1Z-A | CM,CO5-0 | 1Z-A | PD,CO6-0 | 1Z-A | SE,IPO-2 |
| 1C-B | SE,NNN-8 | 1Z-A | CM,CO6-0 | 1Z-A | PD,CO7-0 | 1Z-A | SE,IPO-3 |
| 1C-B | SE,PRN-7 | 1Z-A | CM,CO7-0 | 1Z-A | PD,CO7-1 | 1Z-A | SE,IPO-4 |
| 1C-B | SG,ADN-3 | 1Z-A | CM,CO7-1 | 1Z-A | PF,AV3-1 | 1Z-A | SE,IPO-5 |
| 1C-B | SG,AV3-1 | 1Z-A | CN,AV3-1 | 1Z-A | PF,AV6-2 | 1Z-A | SE,IPO-5 |
| 1C-B | SG,NNN-8 | 1Z-A | CN,AV6-2 | 1Z-A | QU,AV3-1 | 1Z-A | SE,IPO-6 |
| 1C-B | SG,PRN-7 | 1Z-A | CN,CCO-0 | 1Z-A | QU,AV6-2 | 1Z-A | SE,IPO-6 |
| 1C-X | 1X,NNN-5 | 1Z-A | CN,CCO-1 | 1Z-A | QU,CCO-1 | 1Z-A | SE,PI1-1 |
| 1C-X | 1X,PRN-5 | 1Z-A | CN,CO2-2 | 1Z-A | QU,CIF-4 | 1Z-A | SE,PI3-1 |
| 1C-X | 4X,MMM-5 | 1Z-A | CN,CO2-3 | 1Z-A | QU,CO2-4 | 1Z-A | SE,PT1-1 |
| 1C-X | 7X,MMM-5 | 1Z-A | CN,CO4-0 | 1Z-A | QU,CO4-0 | 1Z-A | SG,AV3-0 |
| 1C-X | MX,NNN-5 | 1Z-A | CN,CO4-1 | 1Z-A | QU,CO4-1 | 1Z-A | SG,AV3-3 |
| 1C-X | MX,PRN-5 | 1Z-A | CN,CO5-0 | 1Z-A | QU,CO4-2 | 1Z-A | SG,AV6-5 |
| 1X-A | SE,AUX-0 | 1Z-A | CN,CO6-0 | 1Z-A | SE,AV2-1 | 1Z-A | SG,CCO-1 |
| 1X-A | SE,AUX-1 | 1Z-A | CN,CO7-0 | 1Z-A | SE,AV3-0 | 1Z-A | SG,CCO-1 |
| 1X-A | SE,BE1-0 | 1Z-A | CN,CO7-1 | 1Z-A | SE,AV3-0 | 1Z-A | SG,CO2-4 |
| 1X-A | SE,BE1-1 | 1Z-A | DA,AV3-1 | 1Z-A | SE,AV3-3 | 1Z-A | SG,CO2-4 |
| 1X-A | SE,BE2-0 | 1Z-A | DA,AV6-1 | 1Z-A | SE,AV6-4 | 1Z-A | SG,CO4-1 |
| 1X-A | SE,BE2-1 | 1Z-A | DA,CCO-0 | 1Z-A | SE,CCO-1 | 1Z-A | SG,CO4-2 |
| 1X-A | SE,BE3-0 | 1Z-A | DA,CCO-1 | 1Z-A | SE,CCO-1 | 1Z-A | SG,CO4-2 |
| 1X-A | SE,BE3-1 | 1Z-A | DA,CO2-3 | 1Z-A | SE,CO2-4 | 1Z-A | SG,CO5-0 |
| 1X-A | SE,HAV-0 | 1Z-A | DA,CO2-4 | 1Z-A | SE,CO2-4 | 1Z-A | SG,CO5-0 |
| 1X-A | SE,HAV-1 | 1Z-A | DA,CO4-2 | 1Z-A | SE,CO4-1 | 1Z-A | SG,CO7-2 |
| 1X-X | 1X,ADN-0 | 1Z-A | DA,CO4-3 | 1Z-A | SE,CO4-2 | 1Z-A | SG,CO7-2 |
| 1X-X | 1X,AV3-1 | 1Z-A | DA,CO4-4 | 1Z-A | SE,CO4-2 | 1Z-A | SG,IAD-2 |
| 1X-X | 1X,AV6-3 | 1Z-A | DA,CO5-0 | 1Z-A | SE,CO5-0 | 1Z-A | SG,IAD-3 |
| 1X-X | 1X,AV6-4 | 1Z-A | DA,CO6-0 | 1Z-A | SE,CO5-0 | 1Z-A | SG,IAD-4 |

## PREDICTION, SOURCE SUBRULE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1Z-A | SG,IAD-5 | 4C-B | SE,AV5-2 | 4X-X | MX,RI1-0 | 7X-X | 7X,NOU-0 |
| 1Z-A | SG,IAV-0 | 4C-B | SE,AV6-7 | 4Z-A | AC,AAA-0 | 7X-X | MX,AV1-0 |
| 1Z-A | SG,IAV-1 | 4C-B | SE,AV6-8 | 4Z-A | AC,AAA-1 | 7X-X | MX,NOU-0 |
| 1Z-A | SG,IPN-1 | 4C-B | SE,AV6-9 | 4Z-A | AC,NUM-0 | 7Z-A | AC,NOU-0 |
| 1Z-A | SG,IPN-3 | 4C-B | SE,AV8-2 | 4Z-A | AC,NUM-1 | 7Z-A | AC,NOU-1 |
| 1Z-A | SG,PI1-1 | 4C-B | SE,NOU-3 | 4Z-A | AC,PT1-0 | 7Z-A | AC,NOU-3 |
| 1Z-A | SG,PI3-1 | 4C-B | SE,NUM-1 | 4Z-A | AC,RI1-0 | 7Z-A | SE,NOU-0 |
| 1Z-A | SG,PT1-1 | 4C-B | SE,PT1-2 | 4Z-A | AC,RL5-0 | 7Z-A | SF,NOU-0 |
| 1Z-A | VX,AV3-1 | 4C-B | SE,RI1-1 | 4Z-A | CM,CO7-2 | 7Z-A | SG,NOU-0 |
| 33-A | 1X,ADP-1 | 4C-B | SG,AAA-1 | 4Z-A | CN,CO7-2 | 88-A | 1X,AAB-0 |
| 33-A | 1X,AV3-0 | 4C-B | SG,AV5-2 | 4Z-A | DA,CO7-2 | 88-A | 1X,AV6-5 |
| 33-A | 4X,ADL-1 | 4C-B | SG,AV6-A | 4Z-A | N2,CO7-1 | 88-A | 4X,AAB-1 |
| 33-A | AP,AV3-0 | 4C-B | SG,AV6-8 | 4Z-A | NC,IAD-1 | 88-A | 4X,AV6-1 |
| 33-A | MX,ADP-1 | 4C-B | SG,AV6-9 | 4Z-A | NE,IAD-1 | 88-A | AP,ADK-1 |
| 33-A | MX,AV3-0 | 4C-B | SG,AV8-2 | 4Z-A | PD,CO7-2 | 88-A | AP,AV6-1 |
| 33-A | N2,ADP-1 | 4C-B | SG,NOU-3 | 4Z-A | SE,AAA-0 | 88-A | MX,AAB-0 |
| 33-A | N2,AV3-3 | 4C-B | SG,NUM-1 | 4Z-A | SE,AAB-0 | 88-A | MX,AV6-4 |
| 33-A | N3,AV3-0 | 4C-B | SG,PT1-2 | 4Z-A | SE,AAB-1 | 88-A | N2,AAB-0 |
| 33-A | N5,ADL-1 | 4C-B | SG,RI1-1 | 4Z-A | SE,AV5-1 | 88-A | N2,AV6-5 |
| 33-A | N6,ADL-1 | 4X-X | 1X,AAA-0 | 4Z-A | SE,AV6-0 | 88-A | N3,AAB-0 |
| 33-A | NQ,ADP-1 | 4X-X | 1X,AAB-0 | 4Z-A | SE,AV6-1 | 88-A | N3,ADP-1 |
| 33-A | NQ,AV3-0 | 4X-X | 1X,AV1-1 | 4Z-A | SE,AV6-2 | 88-A | N3,AV6-4 |
| 33-A | SE,ADP-1 | 4X-X | 1X,AV1-2 | 4Z-A | SE,AV8-0 | 88-A | N5,AAB-1 |
| 33-A | SE,ADP-3 | 4X-X | 1X,AV5-0 | 4Z-A | SE,CO7-1 | 88-A | N5,AV6-1 |
| 33-A | SE,AV3-0 | 4X-X | 1X,AV6-1 | 4Z-A | SE,IAD-0 | 88-A | N6,AAB-1 |
| 33-A | SE,AV3-1 | 4X-X | 1X,AV6-2 | 4Z-A | SE,IAD-A | 88-A | N6,AV6-1 |
| 33-A | SF,ADP-1 | 4X-X | 1X,AV6-5 | 4Z-A | SE,IAD-B | 88-A | NQ,AAB-0 |
| 33-A | SF,AV3-1 | 4X-X | 1X,NOU-1 | 4Z-A | SE,NOU-1 | 88-A | PD,AAB-0 |
| 33-A | SG,ADP-1 | 4X-X | 1X,NUM-0 | 4Z-A | SE,NUM-0 | 88-A | QU,AAB-0 |
| 33-A | SG,ADP-3 | 4X-X | 1X,PT1-0 | 4Z-A | SE,PT1-0 | 88-A | SE,AAB-0 |
| 33-A | SG,AV3-0 | 4X-X | 1X,RI1-0 | 4Z-A | SE,RI1-0 | 88-A | SE,AV6-1 |
| 33-A | SG,AV3-1 | 4X-X | 4X,AAB-0 | 4Z-A | SF,AAA-0 | 88-A | SE,AV6-8 |
| 33-C | BV,AV3-0 | 4X-X | 4X,AAB-1 | 4Z-A | SF,AAB-0 | 88-A | SF,AAB-0 |
| 33-C | CM,AV3-0 | 4X-X | 4X,ADJ-0 | 4Z-A | SF,AV5-1 | 88-A | SF,AV6-3 |
| 33-C | CN,AV3-0 | 4X-X | 4X,ADL-0 | 4Z-A | SF,AV6-2 | 88-A | SG,AAB-0 |
| 33-C | DA,AV3-0 | 4X-X | 4X,ADL-1 | 4Z-A | SF,AV6-3 | 88-A | SG,AV6-9 |
| 33-C | DB,AV3-0 | 4X-X | 4X,ADM-0 | 4Z-A | SF,AV8-0 | 88-C | CM,AV6-1 |
| 33-C | DP,AV3-0 | 4X-X | 4X,ADO-0 | 4Z-A | SF,NOU-1 | 88-C | CN,AV6-1 |
| 33-C | N2,AV3-0 | 4X-X | 4X,ADP-0 | 4Z-A | SF,NUM-0 | 88-C | DA,AV6-0 |
| 33-C | NC,AV3-0 | 4X-X | 4X,AV1-0 | 4Z-A | SG,AAA-0 | 88-C | DB,AV6-1 |
| 33-C | NE,AV3-0 | 4X-X | 4X,AV6-0 | 4Z-A | SG,AAB-0 | 88-C | DP,AV6-1 |
| 33-C | PA,AV3-0 | 4X-X | 4X,AV6-1 | 4Z-A | SG,AAB-1 | 88-C | MX,AV6-3 |
| 33-C | PD,AV3-0 | 4X-X | 4X,CMA-0 | 4Z-A | SG,AV5-1 | 88-C | N2,AV6-3 |
| 33-C | PF,AV3-0 | 4X-X | 4X,NOU-1 | 4Z-A | SG,AV6-0 | 88-C | N3,AV6-0 |
| 33-C | QU,AV3-0 | 4X-X | 4X,NUM-0 | 4Z-A | SG,AV6-1 | 88-C | NC,AV6-1 |
| 33-C | SE,AV3-2 | 4X-X | 4X,PT1-0 | 4Z-A | SG,AV6-2 | 88-C | NE,AV6-1 |
| 33-C | SF,AV3-0 | 4X-X | 4X,RI1-0 | 4Z-A | SG,AV8-0 | 88-C | NQ,AV6-1 |
| 33-C | SG,AV3-2 | 4X-X | 4X,XCO-0 | 4Z-A | SG,CO7-1 | 88-C | PA,AV6-0 |
| 33-C | VX,AV3-0 | 4X-X | 7X,NUM-0 | 4Z-A | SG,IAD-0 | 88-C | PD,AV6-1 |
| 33-C | XC,AV3-0 | 4X-X | MX,AAA-0 | 4Z-A | SG,IAD-1 | 88-C | PF,AV6-1 |
| 33-C | XD,AV3-0 | 4X-X | MX,AAB-0 | 4Z-A | SG,NOU-1 | 88-C | QU,AV6-1 |
| 33-H | AI,AV3-0 | 4X-X | MX,AV1-1 | 4Z-A | SG,NUM-0 | 88-C | SE,AV6-3 |
| 33-X | 33,AV1-0 | 4X-X | MX,AV1-2 | 4Z-A | SG,PT1-0 | 88-C | SF,AV6-0 |
| 33-X | 33,AV2-1 | 4X-X | MX,AV5-0 | 4Z-A | SG,RI1-0 | 88-C | SG,AV6-4 |
| 33-X | 33,CMA-0 | 4X-X | MX,AV5-1 | 7C-B | SE,NOU-2 | 88-C | VX,AV6-1 |
| 33-X | 33,CMA-1 | 4X-X | MX,AV6-1 | 7C-B | SG,NOU-2 | 88-C | XC,AV6-1 |
| 33-X | 33,PRE-0 | 4X-X | MX,AV6-2 | 7X-X | 1X,AV1-0 | 88-C | XD,AV6-1 |
| 33-X | 33,PRE-1 | 4X-X | MX,AV6-4 | 7X-X | 1X,AV6-0 | 88-E | SE,ADN-1 |
| 33-X | 33,PRE-2 | 4X-X | MX,NUM-0 | 7X-X | 1X,NOU-0 | 88-E | SE,ADN-2 |
| 4C-A | IN,IAD-0 | 4X-X | MX,PT1-0 | 7X-X | 4X,NOU-0 | 88-E | SE,ADN-4 |
| 4C-B | SE,AAA-1 | | | 7X-X | 7X,6T1-0 | | |

| PREDICTION, SOURCE SUBRULE | | | |
|---|---|---|---|
| 88-E SG,ADN-1 | A1-A SF,AV3-1 | A2-A SE,AV3-4 | AI-A 1X,AV6-3 |
| 88-E SG,ADN-2 | A1-A SF,AV5-1 | A2-A SF,AV3-2 | AI-A 33,CO3-0 |
| 88-E SG,ADN-4 | A1-A SF,AV6-2 | A2-A SG,AV3-4 | AI-A 88,CO8-0 |
| 88-H AI,AAB-1 | A1-A SF,AV6-3 | A2-C N2,AV3-2 | AI-A CN,CIF-0 |
| 88-H AI,AV6-1 | A1-A SF,AV8-0 | AC- 1X,NNN-2 | AI-A CN,CO2-0 |
| 88-H SE,ADK-1 | A1-A SF,NOU-1 | AC- 1X,PRN-2 | AI-A CN,CO4-1 |
| 88-H SE,AV6-5 | A1-A SG,AV3-0 | AC- 4X,MMM-2 | AI-A CN,CIF-0 |
| 88-H SG,ADK-1 | A1-A SG,AV3-1 | AC- 4X,NO4-1 | AI-A CN,CO2-0 |
| 88-H SG,AV6-6 | A1-A SG,AV5-1 | AC- 7X,MMM-2 | AI-A CN,CO4-1 |
| 88-I SE,AAB-1 | A1-A SG,AV5-2 | AC- AC,AAA-0 | AI-A DA,CIF-1 |
| 88-I SE,AV6-2 | A1-A SG,AV6-0 | AC- AC,AV1-0 | AI-A DA,CO2-1 |
| 88-I SE,AV6-9 | A1-A SG,AV6-1 | AC- AC,CMA-0 | AI-A DA,CO4-0 |
| 88-I SG,AAB-1 | A1-A SG,AV6-A | AC- AC,NNN-0 | AI-A DA,CO4-3 |
| 88-I SG,AV6-A | A1-A SG,AV6-2 | AC- AC,NNN-1 | AI-A MX,PRN-1 |
| 88-I SG,AV6-2 | A1-A SG,AV6-8 | AC- AC,NNN-2 | AI-A PO,CIF-5 |
| 88-X 88,AV1-0 | A1-A SG,AV6-9 | AC- AC,NNN-2 | AI-A PO,CO2-2 |
| 88-X 88,AV2-0 | A1-A SG,AV8-0 | AC- AC,NNN-3 | AI-A PO,CO4-1 |
| 88-X 88,CMA-0 | A1-A SG,AV8-2 | AC- AC,NNN-4 | AI-A QU,CIF-1 |
| 88-X 88,CMA-1 | A1-A SG,NOU-1 | AC- AC,NNN-5 | AI-A QU,CO2-1 |
| 88-X 88,PRE-0 | A1-A SG,NOU-3 | AC- AC,NO4-0 | AI-A QU,CO4-1 |
| 88-X 88,PRE-1 | A1-B N3,AV5-1 | AC- AC,NOU-3 | AI-A SE,BE2-0 |
| 88-X 88,PRE-2 | A1-B N3,AV6-3 | AC- AC,NUM-0 | AI-A SE,CIF-1 |
| A1-A 1X,AV1-2 | A1-B N3,AV6-4 | AC- AC,PRE-0 | AI-A SE,CO2-1 |
| A1-A 1X,AV3-0 | A1-B N3,AV8-1 | AC- AC,PRE-1 | AI-A SE,CO4-2 |
| A1-A 1X,AV5-0 | A1-B N3,NOU-6 | AC- AC,PRN-0 | AI-A SE,IPO-4 |
| A1-A 1X,AV6-2 | A1-B N6,AV1-0 | AC- AC,PRN-1 | AI-A SE,IPO-5 |
| A1-A 1X,AV6-5 | A1-B N6,AV6-0 | AC- AC,PRN-2 | AI-A SG,CIF-1 |
| A1-A 1X,AV8-0 | A1-B N6,AV6-1 | AC- AC,PRN-3 | AI-A SG,CO2-1 |
| A1-A 1X,NOU-1 | A1-B N6,CMA-0 | AC- AC,PT1-0 | AI-A SG,CO4-2 |
| A1-A 4X,AV1-0 | A1-B N6,NOU-1 | AC- AC,RI1-0 | AI-A VX,BE2-0 |
| A1-A 4X,AV6-0 | A1-B N6,XCO-0 | AC- AC,RL1-0 | AI-A VX,VI2-0 |
| A1-A 4X,AV6-1 | A1-C N2,AV3-3 | AC- AC,RL1-1 | AI-A VX,VT3-0 |
| A1-A 4X,CMA-0 | A1-C N2,AV3-4 | AC- AC,RL2-0 | AI-A VX,VT3-2 |
| A1-A 4X,NOU-1 | A1-C N2,AV3-4 | AC- AC,RL5-0 | AI-A WX,BE2-0 |
| A1-A 4X,XCO-0 | A1-C N2,AV5-0 | AC- AC,RL5-1 | AI-A WX,BE2-0 |
| A1-A AC,AV8-0 | A1-C N2,AV6-2 | AC- AC,RL6-1 | AI-A WX,BE2-2 |
| A1-A MX,AV1-2 | A1-C N2,AV6-5 | AC- DN,NAD-2 | AI-A WX,VI2-0 |
| A1-A MX,AV3-0 | A1-C N2,AV8-0 | AC- MX,NNN-2 | AI-A WX,VI2-0 |
| A1-A MX,AV5-0 | A1-C N2,NOU-1 | AC- MX,NO4-1 | AI-A WX,VI2-2 |
| A1-A MX,AV6-2 | A1-C N5,AV1-0 | AC- MX,PRN-2 | AI-A WX,VT3-0 |
| A1-A MX,AV6-4 | A1-C N5,AV5-0 | AC- N2,NNN-2 | AI-A WX,VT3-2 |
| A1-A MX,AV8-0 | A1-C N5,AV6-0 | AC- N2,NO4-1 | AI-A WX,VT3-2 |
| A1-A N3,AV3-0 | A1-C N5,AV6-1 | AC- N2,PRO-1 | AI-A WX,VT3-3 |
| A1-A SE,AV3-0 | A1-C N5,CMA-0 | AC- N3,NUU-2 | AI-A WX,VT3-5 |
| A1-A SE,AV3-1 | A1-C N5,NOU-1 | AC- N3,NUM-2 | AI-A WX,VT3-6 |
| A1-A SE,AV5-1 | A1-C N5,XCO-0 | AC- N3,PRN-1 | AI-B SE,BI2-0 |
| A1-A SE,AV5-1 | A1-C NQ,AV3-0 | AC- N3,PRZ-2 | AI-B SE,II2-0 |
| A1-A SE,AV5-2 | A1-C NQ,AV5-2 | AC- N5,MMM-2 | AI-B SE,IT3-0 |
| A1-A SE,AV6-0 | A1-C NQ,AV8-0 | AC- N5,NO4-1 | AI-B SE,IT3-1 |
| A1-A SE,AV6-0 | A1-C NQ,NOU-1 | AC- N6,MMM-2 | AI-C AP,BR2-0 |
| A1-A SE,AV6-1 | A1-D AP,AV3-0 | AC- N6,NO4-1 | AI-C AP,PT3-0 |
| A1-A SE,AV6-2 | A1-D AP,AV6-1 | AC- N8,MMM-2 | AI-C AP,RI2-0 |
| A1-A SE,AV6-7 | A1-X A1,ADJ-0 | AC- N9,MMM-2 | AI-C AP,RT3-0 |
| A1-A SE,AV6-8 | A1-X A1,AV1-0 | AC- NQ,NNN-2 | AI-C AP,RT3-1 |
| A1-A SE,AV6-9 | A1-X A1,NUM-0 | AC- NQ,PRO-1 | AI-C SE,ADJ-0 |
| A1-A SE,AV8-0 | A1-X A1,PT1-0 | AC- SE,NNN-2 | AI-C SE,ADK-0 |
| A1-A SE,AV8-0 | A1-X A1,RI1-0 | AC- SE,PRN-1 | AI-C SE,ADK-1 |
| A1-A SE,AV8-2 | A2-A 1X,AV3-1 | AC-. SF,NNN-2 | AI-C SE,AV6-5 |
| A1-A SE,NOU-1 | A2-A AC,AV3-0 | AC- SF,PRN-1 | AI-C SE,AV6-6 |
| A1-A SE,NOU-1 | A2-A AC,AV3-0 | AC- SG,NNN-2 | AI-C SE,AV8-1 |
| A1-A SE,NOU-3 | A2-A MX,AV3-1 | AC- SG,PRN-1 | AI-C SE,BR2-0 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| AI-C | SE,PT3-0 | AI-X | AI,AV1-0 | AI-X | PG,PT3-0 | AP- | HX,CMA-1 |
| AI-C | SE,RI2-0 | AI-X | AI,AV3-0 | AI-X | PG,PT3-2 | AP- | IF,CMA-1 |
| AI-C | SE,RT3-1 | AI-X | AI,AV3-1 | AI-X | PG,PT3-2 | AP- | IG,CMA-1 |
| AI-C | SE,RT3-2 | AI-X | AI,AV3-1 | AI-X | PG,PT3-3 | AP- | II,CMA-1 |
| AI-C | SE,RT3-3 | AI-X | AI,AV5-0 | AI-X | PG,PT3-5 | AP- | IX,CMA-1 |
| AI-C | SG,ADJ-0 | AI-X | AI,AV6-0 | AI-X | PG,PT3-6 | AP- | MX,NNN-1 |
| AI-C | SG,ADK-0 | AI-X | AI,AV6-1 | AP- | 1X,CMA-1 | AP- | N2,CMA-1 |
| AI-C | SG,ADK-1 | AI-X | AI,AV6-2 | AP- | 1X,NNN-1 | AP- | N2,NNN-1 |
| AI-C | SG,AV6-6 | AI-X | AI,AV6-2 | AP- | 1X,PRN-1 | AP- | N3,CMA-1 |
| AI-C | SG,AV6-7 | AI-X | AI,AV8-0 | AP- | 33,CMA-1 | AP- | N3,NOU-1 |
| AI-C | SG,AV8-1 | AI-X | AI,CMA-0 | AP- | 4X,NNN-1 | AP- | N3,NUN-1 |
| AI-C | SG,BR2-0 | AI-X | AI,CMA-1 | AP- | 7X,NNN-1 | AP- | N3,PRZ-1 |
| AI-C | SG,BR2-2 | AI-X | AI,PRE-0 | AP- | 88,CMA-1 | AP- | N5,NNN-1 |
| AI-C | SG,PT3-0 | AI-X | AI,PRE-1 | AP- | AC,NNN-1 | AP- | N6,NNN-1 |
| AI-C | SG,RI2-0 | AI-X | BV,BI2-0 | AP- | AI,CMA-1 | AP- | N8,NNN-1 |
| AI-C | SG,RT3-0 | AI-X | BV,II2-0 | AP- | AP,ADJ-0 | AP- | N9,NNN-1 |
| AI-C | SG,RT3-1 | AI-X | BV,IT3-0 | AP- | AP,ADK-1 | AP- | NC,CMA-2 |
| AI-E | 1X,BG2-0 | AI-X | BV,IT3-1 | AP- | AP,AV1-0 | AP- | ND,CMA-1 |
| AI-E | 1X,BG2-2 | AI-X | BW,BI2-0 | AP- | AP,AV5-0 | AP- | NE,CMA-2 |
| AI-E | 1X,GI2-0 | AI-X | BW,BI2-0 | AP- | AP,AV6-0 | AP- | NQ,CMA-1 |
| AI-E | 1X,GI2-2 | AI-X | BW,BI2-2 | AP- | AP,AV8-0 | AP- | NQ,NNN-1 |
| AI-E | 1X,GT3-0 | AI-X | BW,II2-1 | AP- | AP,BR3-0 | AP- | PA,CMA-1 |
| AI-E | 1X,GT3-1 | AI-X | BW,II2-2 | AP- | AP,PI1-0 | AP- | PB,CMA-1 |
| AI-E | 1X,GT3-3 | AI-X | BW,II2-2 | AP- | AP,PI3-0 | AP- | PD,CMA-1 |
| AI-E | 1X,GT3-4 | AI-X | BW,IT3-0 | AP- | AP,PT1-0 | AP- | PF,CMA-1 |
| AI-E | GR,BG2-0 | AI-X | BW,IT3-2 | AP- | AP,PT2-0 | AP- | PG,CMA-1 |
| AI-E | GR,GI2-0 | AI-X | PA,BR2-0 | AP- | AP,PT3-0 | AP- | PH,CMA-1 |
| AI-E | GR,GT3-0 | AI-X | PA,PT3-0 | AP- | AP,PT3-1 | AP- | PI,CMA-1 |
| AI-E | GR,GT3-1 | AI-X | PA,RI2-0 | AP- | AP,PT4-0 | AP- | Q1,CMA-1 |
| AI-E | N2,BG2-0 | AI-X | PA,RT3-0 | AP- | AP,PT5-0 | AP- | QU,CMA-1 |
| AI-E | N2,GI2-0 | AI-X | PA,RT3-1 | AP- | AP,PT7-0 | AP- | R1,CMA-1 |
| AI-E | N2,GT3-0 | AI-X | PB,BR2-0 | AP- | AP,PT7-1 | AP- | RS,CMA-1 |
| AI-E | N2,GT3-1 | AI-X | PB,BR2-0 | AP- | AP,RI1-0 | AP- | SE,NNN-1 |
| AI-E | SE,BG2-0 | AI-X | PB,PT3-1 | AP- | AP,RI2-0 | AP- | SF,NNN-1 |
| AI-E | SE,BG2-2 | AI-X | PB,PT3-1 | AP- | AP,RI2-1 | AP- | SG,NNN-1 |
| AI-E | SE,GI2-0 | AI-X | PB,PT3-3 | AP- | AP,RI3-0 | AP- | TX,CMA-1 |
| AI-E | SE,GI2-2 | AI-X | PB,RI2-0 | AP- | AP,RT1-0 | AP- | UX,CMA-1 |
| AI-E | SE,GT3-0 | AI-X | PB,RI2-0 | AP- | AP,RT2-0 | AP- | VX,CMA-1 |
| AI-E | SE,GT3-1 | AI-X | PB,RI2-2 | AP- | AP,RT3-0 | AP- | WX,CMA-1 |
| AI-E | SE,GT3-3 | AI-X | PB,RT3-0 | AP- | AP,RT3-1 | AP- | XC,CMA-3 |
| AI-E | SE,GT3-4 | AI-X | PB,RT3-2 | AP- | AP,RT3-2 | AP- | XD,-MA-1 |
| AI-E | SF,BG2-0 | AI-X | PB,RT3-2 | AP- | AP,RT4-0 | AR-A | 1X,AV1-1 |
| AI-E | SF,BG2-2 | AI-X | PB,RT3-4 | AP- | AP,RT5-0 | AR-A | 1X,AV5-1 |
| AI-E | SF,GI2-0 | AI-X | PF,BP2-0 | AP- | AP,RT6-0 | AR-A | 1X,AV6-1 |
| AI-E | SF,GI2-2 | AI-X | PF,HP3-0 | AP- | AP,RT6-1 | AR-A | MX,AV1-1 |
| AI-E | SF,GT3-0 | AI-X | PF,HP3-1 | AP- | AP,RT7-0 | AR-A | MX,AV5-1 |
| AI-E | SF,GT3-1 | AI-X | PF,PI2-0 | AP- | AP,RT7-1 | AR-A | MX,AV6-1 |
| AI-E | SF,GT3-3 | AI-X | PF,PT3-0 | AP- | AP,TOI-0 | AR-C | 1X,GT3-1 |
| AI-E | SF,GT3-4 | AI-X | PF,PT3-2 | AP- | B1,CMA-1 | AR-C | 1X,GT3-4 |
| AI-E | SF,GT3-4 | AI-X | PG,BP2-1 | AP- | BV,CMA-1 | AR-C | 1X,GT3-4 |
| AI-E | SG,BG2-0 | AI-X | PG,BP2-1 | AP- | BW,CMA-1 | AR-C | AP,RT3-1 |
| AI-E | SG,BG2-3 | AI-X | PG,BP2-2 | AP- | BX,CMA-1 | AR-C | BV,IT3-1 |
| AI-E | SG,GI2-0 | AI-X | PG,HP3-0 | AP- | BY,CMA-1 | AR-C | GR,GT3-1 |
| AI-E | SG,GI2-2 | AI-X | PG,HP3-1 | AP- | C2,CMA-1 | AR-C | N2,AV5-1 |
| AI-E | SG,GT3-0 | AI-X | PG,HP3-1 | AP- | CM,CMA-3 | AR-C | N2,AV6-1 |
| AI-E | SG,GT3-1 | AI-X | PG,HP3-2 | AP- | CN,CMA-2 | AR-C | N2,GT3-1 |
| AI-E | SG,GT3-3 | AI-X | PG,HP3-3 | AP- | DB,CMA-1 | AR-C | NQ,AV5-1 |
| AI-E | SG,GT3-4 | AI-X | PG,HP3-4 | AP- | DN,NAD-1 | AR-C | PA,RT3-1 |
| AI-E | SG,GT3-4 | AI-X | PG,PI2-0 | AP- | EX,CMA-1 | AR-C | PF,HP3-1 |
| AI-X | AI,AAB-0 | AI-X | PG,PI2-0 | AP- | FX,CMA-1 | AR-C | PF,PT3-2 |
| AI-X | AI,ADJ-0 | AI-X | PG,PI2-2 | | | AR-C | PG,HP3-2 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| AR-C | PG,HP3-4 | BV-T | SE,GT4-1 | BW-X | BW,II3-0 | C3-E | DN,ADL-1 |
| AR-C | PG,PT3-3 | BV-T | SF,GT4-0 | BW-X | BW,IT1-0 | C3-E | DN,ADL-2 |
| AR-C | PG,PT3-6 | BV-T | SF,GT4-1 | BW-X | BW,IT1-1 | C3-E | DN,ADL-3 |
| AR-C | SE,GT3-1 | BV-T | SG,GT4-0 | BW-X | BW,IT2-0 | C3-H | AI,AV3-1 |
| AR-C | SE,GT3-1 | BV-T | SG,GT4-1 | BW-X | BW,PRE-0 | C3-X | C3,AV1-0 |
| AR-C | SE,GT3-4 | BV-X | BV,AV1-0 | BW-X | BW,PRE-1 | C3-X | C3,AV2-0 |
| AR-C | SE,IT3-1 | BV-X | BV,AV3-0 | BW-X | BW,PRE-2 | C3-X | C3,PRE-0 |
| AR-C | SE,RT3-2 | BV-X | BV,AV5-0 | BW-X | IG,TOI-0 | C3-X | C3,PRE-1 |
| AR-C | SF,GT3-1 | BV-X | BV,BII-0 | BW-Z | BW,IT4-1 | C3-X | C3,PRE-2 |
| AR-C | SF,GT3-4 | BV-X | BV,BI2-0 | BW-Z | PB,RT4-1 | C8-A | N2,AAB-1 |
| AR-C | SG,GT3-1 | BV-X | BV,BI2-1 | BW-Z | PG,HP4-1 | C8-A | N3,AAB-1 |
| AR-C | SG,GT3-4 | BV-X | BV,BI3-0 | BW-Z | PG,PT4-1 | C8-B | 1X,ADN-0 |
| AR-C | SG,RT3-1 | BV-X | BV,CMA-0 | BX-A | IX,AUX-0 | C8-B | AC,ADN-0 |
| AR-C | VX,VT3-2 | BV-X | BV,CMA-1 | BX-A | IX,AUX-1 | C8-B | MX,ADN-0 |
| AR-C | WX,VT3-3 | BV-X | BV,HVI-0 | BX-A | SE,AUX-1 | C8-B | N2,ADN-0 |
| AR-C | WX,VT3-6 | BV-X | BV,II1-0 | BX-X | BX,AV1-0 | C8-B | NQ,ADN-0 |
| AR-X | AR,AV1-0 | BV-X | BY,II1-1 | BX-X | BX,AV5-0 | C8-B | SE,ADN-0 |
| AR-X | AR,PRE-0 | BV-X | BV,II2-0 | BX-X | BX,CMA-0 | C8-B | SE,ADN-3 |
| B1-A | TX,AUX-0 | BV-X | BV,II2-1 | BX-X | BX,CMA-1 | C8-B | SF,ADN-0 |
| B1-B | SE,IT1-1 | BV-X | BV,II3-0 | BX-X | BX,II1-0 | C8-B | SG,ADN-0 |
| B1-X | B1,AV1-0 | BV-X | BV,IT1-0 | BX-X | IH,TOI-0 | C8-B | SG,ADN-3 |
| B1-X | B1,AV5-0 | BV-X | BV,IT2-0 | BY-A | CX,AUX-0 | C8-C | 1X,AV6-3 |
| B1-X | B1,CMA-0 | BV-X | BV,IT3-0 | BY-A | CX,AUX-1 | C8-C | 1X,AV6-4 |
| B1-X | B1,CMA-1 | BV-X | BV,IT3-1 | BY-A | SE,IAD-1 | C8-C | CN,AV6-2 |
| B1-X | B1,II1-1 | BV-X | BV,IT3-2 | BY-A | SE,IPN-2 | C8-C | DA,AV6-1 |
| B1-X | B1,II3-1 | BV-X | BV,IT4-0 | BY-X | BY,AV1-0 | C8-C | DP,AV6-2 |
| B1-X | B1,IT1-1 | BV-X | BV,IT5-0 | BY-X | BY,AV5-0 | C8-C | DP,AV6-3 |
| B1-X | BV,IT1-1 | BV-X | BV,IT6-0 | BY-X | BY,AV8-0 | C8-C | N2,AV6-4 |
| B1-X | I1,TOI-0 | BV-X | BV,IT6-1 | BY-X | BY,CMA-0 | C8-C | N3,AV6-1 |
| BV-A | SE,AUX-0 | BV-X | BV,IT7-0 | BY-X | BY,CMA-1 | C8-C | NQ,AV6-2 |
| BV-A | SE,IAV-0 | BV-X | BV,IT7-1 | BY-X | II,TOI-0 | C8-C | PA,AV6-1 |
| BV-A | VX,AUX-0 | BV-X | BV,PRE-0 | C2- | C2,AV1-0 | C8-C | PD,AV6-2 |
| BV-B | SE,DOI-0 | BV-X | BV,PRE-1 | C2- | C2,CMA-0 | C8-C | PF,AV6-2 |
| BV-F | N2,TOI-0 | BV-X | BV,PRE-2 | C2- | C2,CMA-1 | C8-C | QU,AV6-2 |
| BV-I | 1X,TOI-0 | BV-X | IF,TOI-0 | C2- | PD,CCO-1 | C8-C | QU,AV6-3 |
| BV-I | 1X,TOI-1 | BV-Z | BV,IT4-0 | C2- | PD,CIF-4 | C8-C | SE,AV6-4 |
| BV-I | SE,TOI-0 | BV-Z | BW,IT4-0 | C2- | PD,CIF-5 | C8-C | SF,AV6-1 |
| BV-I | SE,TOI-1 | BV-Z | PA,RT4-0 | C2- | PD,CO2-5 | C8-C | SG,AV6-5 |
| BV-I | SF,TOI-0 | BV-Z | PB,RT4-0 | C3-A | AC,ADP-1 | C8-C | VX,AV6-2 |
| BV-I | SF,TOI-1 | BV-Z | PF,HP4-0 | C3-A | AP,ADP-0 | C8-H | AI,AV6-2 |
| BV-I | SG,TOI-1 | BV-Z | PF,PT4-0 | C3-A | N2,AV3-4 | C8-X | C8,AV1-0 |
| BV-I | SG,TOI-2 | BV-Z | PG,HP4-0 | C3-B | 1X,AV3-1 | C8-X | C8,AV2-0 |
| BV-M | CN,TOI-0 | BV-Z | PG,PT4-0 | C3-B | AC,AV3-0 | C8-X | C8,PRE-0 |
| BV-M | CN,TOI-0 | BW-A | SE,IAD-6 | C3-B | MX,AV3-1 | C8-X | C8,PRE-1 |
| BV-M | DA,TOI-0 | BW-A | SE,IPO-0 | C3-B | N2,AV3-2 | C8-X | C8,PRE-2 |
| BV-M | PD,TOI-0 | BW-A | WX,AUX-0 | C3-B | SE,AV3-4 | CM-A | SE,IAD-H |
| BV-M | QU,TOI-0 | BW-N | AP,TOI-0 | C3-B | SF,AV3-2 | CM-A | SE,IAV-7 |
| BV-M | SE,TOI-2 | BW-P | WX,VT4-1 | C3-B | SG,AV3-4 | CM-A | SE,IPO-A |
| BV-M | SG,TOI-0 | BW-X | BW,AV1-0 | C3-C | CN,AV3-1 | CM-A | SG,IAD-7 |
| BV-M | VX,TOI-0 | BW-X | BW,AV5-0 | C3-C | DA,AV3-1 | CM-A | SG,IAV-3 |
| BV-P | VX,VT4-0 | BW-X | BW,BI2-0 | C3-C | DB,AV3-1. | CM-A | SG,IPO-3 |
| BV-P | WX,VT4-0 | BW-X | BW,BI2-1 | C3-C | DP,AV3-1 | CM-E | DA,AV6-3 |
| BV-Q | SE,IT4-0 | BW-X | BW,BI2-2 | C3-C | N2,AV3-1 | CM-E | NQ,AV6-3 |
| BV-R | AP,RT4-0 | BW-X | BW,BI3-0 | C3-C | NC,AV3-1 | CM-E | PD,CO2-6 |
| BV-R | SE,RT4-0 | BW-X | BW,CMA-0 | C3-C | NE,AV3-1 | CM-F | 1X,PRE-2 |
| BV-R | SG,RT4-0 | BW-X | BW,CMA-1 | C3-C | PD,AV3-1 | CM-F | 33,PRE-2 |
| BV-T | 1X,GT4-0 | BW-X | BW,II1-0 | C3-C | PF,AV3-1 | CM-F | 88,PRE-2 |
| BV-T | 1X,GT4-1 | BW-X | BW,II1-1 | C3-C | QU,AV3-1 | CM-F | BV,PRE-2 |
| BV-T | GR,GT4-0 | BW-X | BW,II2-0 | C3-C | SE,AV3-3 | CM-F | BW,PRE-2 |
| BV-T | N2,GT4-0 | BW-X | BW,II2-1 | C3-C | SG,AV3-3 | CM-F | C3,PRE-2 |
| BV-T | SE,GT4-0 | BW-X | BW,II2-2 | C3-C | VX,AV3-1 | CM-F | C8,PRE-2 |
| | | | | | | CM-F | CM,PRE-2 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| CM-F | CN,PRE-2 | CM-W | SG,IAD-5 | CN-A | MX,PRN-5 | CN-C | N3,PRZ-3 |
| CM-F | DA,PRE-2 | CM-W | SG,IAV-1 | CN-A | MX,PRN-5 | CN-C | N3,PRZ-3 |
| CM-F | DB,PRE-2 | CM-W | SG,IPN-2 | CN-A | SE,NNN-4 | CN-C | N6,MMM-3 |
| CM-F | DP,PRE-2 | CM-W | SG,IPN-3 | CN-A | SE,NNN-5 | CN-C | N6,MMM-4 |
| CM-F | FX,PRE-2 | CM-W | SG,IPO-1 | CN-A | SE,NNN-5 | CN-C | N6,MMM-4 |
| CM-F | IF,PRE-2 | CM-W | SG,PRE-4 | CN-A | SE,NNN-7 | CN-C | N9,MMM-3 |
| CM-F | IG,PRE-2 | CM-X | CM,AAA-0 | CN-A | SE,NNN-8 | CN-C | N9,MMM-4 |
| CM-F | IX,PRE-2 | CM-X | CM,AV1-0 | CN-A | SE,NNN-8 | CN-C | N9,MMM-4 |
| CM-F | MX,PRE-2 | CM-X | CM,AV2-0 | CN-A | SE,PRN-3 | CN-D | 1X,NOU-1 |
| CM-F | N2,PRE-2 | CM-X | CM,AV3-0 | CN-A | SE,PRN-4 | CN-D | 4X,NOU-1 |
| CM-F | N3,PRE-2 | CM-X | CM,AV5-0 | CN-A | SE,PRN-4 | CN-D | N2,NOU-1 |
| CM-F | NC,PRE-3 | CM-X | CM,AV6-0 | CN-A | SE,PRN-6 | CN-D | N3,NOU-6 |
| CM-F | NE,PRE-3 | CM-X | CM,AV6-1 | CN-A | SE,PRN-7 | CN-D | N5,NOU-1 |
| CM-F | PA,PRE-2 | CM-X | CM,AV8-0 | CN-A | SE,PRN-7 | CN-D | N6,NOU-1 |
| CM-F | PB,PRE-2 | CM-X | CM,CC0-0 | CN-A | SF,NNN-4 | CN-D | NQ,NOU-1 |
| CM-F | PD,PRE-2 | CM-X | CM,CC0-1 | CN-A | SF,NNN-5 | CN-D | SE,NOU-1 |
| CM-F | PF,PRE-2 | CM-X | CM,CIF-0 | CN-A | SF,NNN-5 | CN-D | SE,NOU-3 |
| CM-F | PG,PRE-2 | CM-X | CM,CIF-1 | CN-A | SF,PRN-3 | CN-D | SF,NOU-1 |
| CM-F | QU,PRE-2 | CM-X | CM,CIF-2 | CN-A | SF,PRN-4 | CN-D | SG,NOU-1 |
| CM-F | SE,PRE-2 | CM-X | CM,CIF-3 | CN-A | SF,PRN-4 | CN-D | SG,NOU-3 |
| CM-F | SE,PRE-5 | CM-X | CM,CIF-4 | CN-A | SG,NNN-4 | CN-O | SE,AAA-1 |
| CM-F | SF,PRE-2 | CM-X | CM,CMA-2 | CN-A | SG,NNN-5 | CN-O | SE,ADJ-0 |
| CM-F | SG,PRE-2 | CM-X | CM,CMA-3 | CN-A | SG,NNN-5 | CN-O | SE,ADK-0 |
| CM-F | SG,PRE-5 | CM-X | CM,CO2-0 | CN-A | SG,NNN-7 | CN-O | SE,ADK-1 |
| CM-F | UX,PRE-2 | CM-X | CM,CO2-1 | CN-A | SG,NNN-8 | CN-O | SE,ADN-3 |
| CM-F | VX,PRE-2 | CM-X | CM,CO2-2 | CN-A | SG,NNN-8 | CN-O | SE,ADN-4 |
| CM-F | WX,PRE-2 | CM-X | CM,CO2-3 | CN-A | SG,PRN-3 | CN-O | SE,ADP-2 |
| CM-F | XC,PRE-2 | CM-X | CM,CO2-4 | CN-A | SG,PRN-4 | CN-O | SE,ADP-3 |
| CM-F | XD,PRE-2 | CM-X | CM,CO4-0 | CN-A | SG,PRN-4 | CN-O | SE,AV3-1 |
| CM-I | 1X,TOI-1 | CM-X | CM,CO4-1 | CN-A | SG,PRN-6 | CN-O | SE,AV4-1 |
| CM-I | B1,II1-1 | CM-X | CM,CO5-0 | CN-A | SG,PRN-7 | CN-O | SE,AV5-2 |
| CM-I | B1,II3-1 | CM-X | CM,CO5-1 | CN-A | SG,PRN-7 | CN-O | SE,AV6-5 |
| CM-I | B1,IT1-1 | CM-X | CM,CO6-0 | CN-B | N2,NNN-3 | CN-O | SE,AV6-6 |
| CM-I | BV,IT1-1 | CM-X | CM,CO7-0 | CN-B | N2,NNN-4 | CN-O | SE,AV6-7 |
| CM-M | PA,RT1-1 | CM-X | CM,CO7-1 | CN-B | N2,NNN-4 | CN-O | SE,AV6-8 |
| CM-M | PF,PT1-1 | CM-X | CM,CO7-2 | CN-B | N2,PRO-2 | CN-O | SE,AV6-9 |
| CM-M | PG,PI2-3 | CM-X | CM,CPR-0 | CN-B | N2,PRO-3 | CN-O | SE,AV8-1 |
| CM-M | Q1,PI1-1 | CM-X | CM,PRE-0 | CN-B | N2,PRO-3 | CN-O | SE,AV8-2 |
| CM-M | Q1,PI3-1 | CM-X | CM,PRE-1 | CN-B | N5,MMM-3 | CN-O | SE,BR1-0 |
| CM-M | Q1,PT1-1 | CM-X | CM,PRE-2 | CN-B | N5,MMM-4 | CN-O | SE,BR2-0 |
| CM-M | R1,PT1-1 | CM-X | CM,TOI-0 | CN-B | N5,MMM-4 | CN-O | SE,BR2-1 |
| CM-M | R1,RI1-1 | CN-A | 1X,NNN-4 | CN-B | N8,MMM-3 | CN-O | SE,BR3-0 |
| CM-M | R1,RI3-1 | CN-A | 1X,NNN-5 | CN-B | N8,MMM-4 | CN-O | SE,CO2-0 |
| CM-M | R1,RT1-1 | CN-A | 1X,PRN-4 | CN-B | N8,MMM-4 | CN-O | SE,CO7-1 |
| CM-N | CX,AUX-1 | CN-A | 4X,MMM-4 | CN-B | NQ,NNN-3 | CN-O | SE,HVP-0 |
| CM-N | IX,AUX-1 | CN-A | 4X,MMM-5 | CN-B | NQ,NNN-4 | CN-O | SE,HVP-1 |
| CM-N | TX,VI1-1 | CN-A | 4X,MMM-5 | CN-B | NQ,NNN-4 | CN-O | SE,NNN-6 |
| CM-N | TX,VI3-1 | CN-A | 7X,MMM-4 | CN-B | NQ,PRO-2 | CN-O | SE,NNN-7 |
| CM-N | TX,VT1-1 | CN-A | 7X,MMM-5 | CN-B | NQ,PRO-3 | CN-O | SE,NNN-8 |
| CM-N | VX,VT1-0 | CN-A | 7X,MMM-5 | CN-B | NQ,PRO-3 | CN-O | SE,NO4-1 |
| CM-N | WX,VT7-2 | CN-A | AC,NNN-4 | CN-C | N3,NOU-3 | CN-O | SE,NOU-2 |
| CM-V | AC,NOU-3 | CN-A | AC,NNN-5 | CN-C | N3,NOU-4 | CN-O | SE,NOU-3 |
| CM-V | AC,RL6-1 | CN-A | AC,NNN-5 | CN-C | N3,NOU-4 | CN-O | SE,NUM-1 |
| CM-W | MX,IAV-1 | CN-A | AC,PRN-2 | CN-C | N3,NUM-3 | CN-O | SE,PI1-0 |
| CM-W | SE,IAD-8 | CN-A | AC,PRN-3 | CN-C | N3,NUM-4 | CN-O | SE,PI3-0 |
| CM-W | SE,IAD-D | CN-A | AC,PRN-3 | CN-C | N3,NUM-4 | CN-O | SE,PRN-5 |
| CM-W | SE,IAD-F | CN-A | MX,NNN-4 | CN-C | N3,PRN-2 | CN-O | SE,PRN-6 |
| CM-W | SE,IAV-5 | CN-A | MX,NNN-5 | CN-C | N3,PRN-3 | CN-O | SE,PRN-7 |
| CM-W | SE,IPN-8 | CN-A | MX,NNN-5 | CN-C | N3,PRN-3 | CN-O | SE,PT1-2 |
| CM-W | SE,IPN-9 | CN-A | MX,PRN-4 | CN-C | N3,PRO-1 | CN-O | SE,PT1-3 |
| CM-W | SE,IPO-8 | | | CN-C | N3,PRO-1 | CN-O | SE,PT2-0 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| CN-0 | SE,PT3-0 | CN-0 | SG,PI1-0 | CN-P | SG,CO2-4 | CN-R | NE,CMA-1 |
| CN-0 | SE,PT3-1 | CN-0 | SG,PI3-0 | CN-P | SG,CO3-0 | CN-R | NE,CMA-2 |
| CN-0 | SE,PT4-0 | CN-0 | SG,PRN-5 | CN-P | SG,CO4-0 | CN-R | NQ,CMA-0 |
| CN-0 | SE,PT5-0 | CN-0 | SG,PRN-6 | CN-P | SG,CO4-1 | CN-R | NQ,CMA-1 |
| CN-0 | SE,PT7-0 | CN-0 | SG,PRN-7 | CN-P | SG,CO4-2 | CN-R | PA,CMA-0 |
| CN-0 | SE,PT7-1 | CN-0 | SG,PT1-2 | CN-P | SG,CO5-0 | CN-R | PA,CMA-1 |
| CN-0 | SE,RI1-1 | CN-0 | SG,PT1-3 | CN-P | SG,CO5-1 | CN-R | PB,CMA-0 |
| CN-0 | SE,RI1-2 | CN-0 | SG,PT2-0 | CN-P | SG,CO6-0 | CN-R | PB,CMA-1 |
| CN-0 | SE,RI2-0 | CN-0 | SG,PT3-0 | CN-P | SG,CO7-0 | CN-R | PF,CMA-0 |
| CN-0 | SE,RI2-1 | CN-0 | SG,PT3-1 | CN-P | SG,CO7-2 | CN-R | PF,CMA-1 |
| CN-0 | SE,RI3-0 | CN-0 | SG,PT4-0 | CN-Q | 1X,PRN-1 | CN-R | PG,CMA-0 |
| CN-0 | SE,RT1-0 | CN-0 | SG,PT5-0 | CN-Q | 1X,PRN-5 | CN-R | PG,CMA-1 |
| CN-0 | SE,RT2-0 | CN-0 | SG,PT7-0 | CN-Q | MX,PRN-1 | CN-R | PH,CMA-0 |
| CN-0 | SE,RT3-0 | CN-0 | SG,PT7-1 | CN-R | 1X,CMA-0 | CN-R | PH,CMA-1 |
| CN-0 | SE,RT3-1 | CN-0 | SG,RI1-1 | CN-R | 1X,CMA-1 | CN-R | PI,CMA-0 |
| CN-0 | SE,RT3-2 | CN-0 | SG,RI1-2 | CN-R | 1X,PRN-1 | CN-R | PI,CMA-1 |
| CN-0 | SE,RT3-3 | CN-0 | SG,RI2-0 | CN-R | 1X,PRN-5 | CN-R | Q1,CMA-0 |
| CN-0 | SE,RT4-0 | CN-0 | SG,RI2-1 | CN-R | 33,CMA-0 | CN-R | Q1,CMA-1 |
| CN-0 | SE,RT5-0 | CN-0 | SG,RI3-0 | CN-R | 33,CMA-1 | CN-R | R1,CMA-0 |
| CN-0 | SE,RT6-0 | CN-0 | SG,RT1-0 | CN-R | 88,CMA-0 | CN-R | R1,CMA-1 |
| CN-0 | SE,RT6-1 | CN-0 | SG,RT2-0 | CN-R | 88,CMA-1 | CN-R | RR,CMA-0 |
| CN-0 | SE,RT7-0 | CN-0 | SG,RT3-0 | CN-R | AC,CMA-0 | CN-R | RS,CMA-0 |
| CN-0 | SE,RT7-1 | CN-0 | SG,RT3-1 | CN-R | AI,CMA-0 | CN-R | RS,CMA-1 |
| CN-0 | SE,RT7-2 | CN-0 | SG,RT3-2 | CN-R | AI,CMA-1 | CN-R | TX,CMA-0 |
| CN-0 | SE,TIT-4 | CN-0 | SG,RT4-0 | CN-R | B1,CMA-0 | CN-R | TX,CMA-1 |
| CN-0 | SE,TIT-5 | CN-0 | SG,RT5-0 | CN-R | B1,CMA-1 | CN-R | UX,CMA-0 |
| CN-0 | SE,TIT-6 | CN-0 | SG,RT6-0 | CN-R | BV,CMA-0 | CN-R | UX,CMA-1 |
| CN-0 | SE,TIT-7 | CN-0 | SG,RT6-1 | CN-R | BV,CMA-1 | CN-R | VX,CMA-0 |
| CN-0 | SG,AAA-1 | CN-0 | SG,RT7-0 | CN-R | BW,CMA-0 | CN-R | VX,CMA-1 |
| CN-0 | SG,ADJ-0 | CN-0 | SG,RT7-1 | CN-R | BW,CMA-1 | CN-R | WX,CMA-0 |
| CN-0 | SG,ADK-0 | CN-0 | SG,TIT-4 | CN-R | BX,CMA-0 | CN-R | WX,CMA-1 |
| CN-0 | SG,ADK-1 | CN-0 | SG,TIT-5 | CN-R | BX,CMA-1 | CN-R | XC,CMA-2 |
| CN-0 | SG,ADN-? | CN-0 | SG,TIT-6 | CN-R | BY,CMA-0 | CN-R | XC,CMA-3 |
| CN-0 | SG,ADN-4 | CN-0 | SG,TIT-7 | CN-R | BY,CMA-1 | CN-R | XD,CMA-0 |
| CN-0 | SG,ADP-2 | CN-P | SE,CCO-1 | CN-R | C2,CMA-0 | CN-R | XD,CMA-1 |
| CN-0 | SG,ADP-3 | CN-P | SE,CIF-0 | CN-R | C2,CMA-1 | CN-X | CN,AAA-0 |
| CN-0 | SG,AV3-1 | CN-P | SE,CIF-1 | CN-R | DB,CMA-0 | CN-X | CN,AV1-0 |
| CN-0 | SG,AV4-1 | CN-P | SE,CIF-2 | CN-R | DB,CMA-1 | CN-X | CN,AV2-0 |
| CN-0 | SG,AV5-2 | CN-P | SE,CIF-3 | CN-R | EX,CMA-0 | CN-X | CN,AV3-0 |
| CN-0 | SG,AV6-A | CN-P | SE,CO2-1 | CN-R | EX,CMA-1 | CN-X | CN,AV3-1 |
| CN-0 | SG,AV6-6 | CN-P | SE,CO2-2 | CN-R | FX,CMA-0 | CN-X | CN,AV5-0 |
| CN-0 | SG,AV6-7 | CN-P | SE,CO2-3 | CN-R | FX,CMA-1 | CN-X | CN,AV6-0 |
| CN-0 | SG,AV6-8 | CN-P | SE,CO2-4 | CN-R | HX,CMA-0 | CN-X | CN,AV6-1 |
| CN-0 | SG,AV6-9 | CN-P | SE,CO3-0 | CN-R | HX,CMA-1 | CN-X | CN,AV6-2 |
| CN-0 | SG,AV8-1 | CN-P | SE,CO4-0 | CN-R | IF,CMA-0 | CN-X | CN,AV8-0 |
| CN-0 | SG,AV8-2 | CN-P | SE,CO4-1 | CN-R | IF,CMA-1 | CN-X | CN,CCO-0 |
| CN-0 | SG,BR1-0 | CN-P | SE,CO4-2 | CN-R | IG,CMA-0 | CN-X | CN,CCO-1 |
| CN-0 | SG,BR2-0 | CN-P | SE,CO5-0 | CN-R | IG,CMA-1 | CN-X | CN,CIF-0 |
| CN-0 | SG,BR2-1 | CN-P | SE,CO5-1 | CN-R | II,CMA-0 | CN-X | CN,CIF-1 |
| CN-0 | SG,BR2-2 | CN-P | SE,CO6-0 | CN-R | II,CMA-1 | CN-X | CN,CIF-2 |
| CN-0 | SG,BR3-0 | CN-P | SE,CO7-0 | CN-R | IX,CMA-0 | CN-X | CN,CIF-3 |
| CN-0 | SG,CO7-1 | CN-P | SE,CO7-2 | CN-R | IX,CMA-1 | CN-X | CN,CIF-4 |
| CN-0 | SG,HVP-0 | CN-P | SG,CCO-1 | CN-R | MX,PRN-1 | CN-X | CN,CMA-2 |
| CN-0 | SG,HVP-1 | CN-P | SG,CIF-0 | CN-R | N2,CMA-0 | CN-X | CN,CO2-0 |
| CN-0 | SG,NNN-6 | CN-P | SG,CIF-1 | CN-R | N2,CMA-1 | CN-X | CN,CO2-1 |
| CN-0 | SG,NNN-7 | CN-P | SG,CIF-2 | CN-R | N3,CMA-0 | CN-X | CN,CO2-2 |
| CN-0 | SG,NNN-8 | CN-P | SG,CIF-3 | CN-R | N3,CMA-1 | CN-X | CN,CO2-3 |
| CN-0 | SG,NO4-1 | CN-P | SG,CO2-0 | CN-R | NC,CMA-1 | CN-X | CN,CO2-4 |
| CN-0 | SG,NOU-2 | CN-P | SG,CO2-1 | CN-R | NC,CMA-2 | CN-X | CN,CO4-0 |
| CN-0 | SG,NOU-3 | CN-P | SG,CO2-2 | CN-R | ND,CMA-0 | CN-X | CN,CO4-1 |
| CN-0 | SG,NUM-1 | CN-P | SG,CO2-3 | CN-R | ND,CMA-1 | | |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| CN-X | CN,CO5-0 | DA- | 1X,AV6-4 | DA- | CM,PRE-0 | DA- | IG,CMA-0 |
| CN-X | CN,CO5-1 | DA- | 1X,CMA-0 | DA- | CM,PRE-1 | DA- | IG,PRE-0 |
| CN-X | CN,CO6-0 | DA- | 1X,PRE-0 | DA- | CN,AV1-0 | DA- | IG,PRE-1 |
| CN-X | CN,CO7-0 | DA- | 1X,PRE-1 | DA- | CN,AV2-0 | DA- | II,AV1-0 |
| CN-X | CN,CO7-1 | DA- | 33,AV1-0 | DA- | CN,AV3-0 | DA- | II,AV5-0 |
| CN-X | CN,CO7-2 | DA- | 33,AV2-1 | DA- | CN,AV3-1 | DA- | II,CMA-0 |
| CN-X | CN,CPR-0 | DA- | 33,CMA-0 | DA- | CN,AV5-0 | DA- | IX,AV1-0 |
| CN-X | CN,PRE-0 | DA- | 33,CO3-3 | DA- | CN,CIF-1 | DA- | IX,AV5-0 |
| CN-X | CN,PRE-1 | DA- | 33,PRE-0 | DA- | CN,CMA-1 | DA- | IX,CMA-0 |
| CN-X | CN,PRE-2 | DA- | 33,PRE-1 | DA- | CN,CO2-1 | DA- | IX,PRE-0 |
| CN-X | CN,TOI-0 | DA- | 4X,AV1-0 | DA- | CN,CO4-0 | DA- | IX,PRE-1 |
| CX-X | CX,AUX-0 | DA- | 88,AV1-0 | DA- | CN,CPR-0 | DA- | MX,AV1-0 |
| CX-X | CX,AV1-0 | DA- | 88,AV2-0 | DA- | CN,PRE-0 | DA- | MX,AV1-1 |
| CX-X | CX,AV5-0 | DA- | 88,CMA-0 | DA- | CN,PRE-1 | DA- | MX,AV1-2 |
| CX-X | CX,AV8-0 | DA- | 88,CO8-3 | DA- | CX,AV1-0 | DA- | MX,AV5-1 |
| CX-X | CX,BE2-0 | DA- | 88,PRE-0 | DA- | CX,AV5-0 | DA- | MX,PRE-0 |
| CX-X | CX,HAV-0 | DA- | 88,PRE-1 | DA- | DA,AV1-0 | DA- | MX,PRE-1 |
| CX-X | CX,HAV-1 | DA- | A1,AV1-0 | DA- | DA,AV2-0 | DA- | N2,AV1-0 |
| CX-X | CX,VI2-0 | DA- | AC,AV1-0 | DA- | DA,AV3-0 | DA- | N2,AV3-0 |
| CX-X | CX,VT1-0 | DA- | AI,AV1-0 | DA- | DA,AV3-1 | DA- | N2,AV3-1 |
| CZ-A | DA,CO4-3 | DA- | AI,CMA-0 | DA- | DA,AV5-0 | DA- | N2,AV5-1 |
| CZ-A | NE,IAD-2 | DA- | AP,AV1-0 | DA- | DA,AV6-3 | DA- | N2,CMA-0 |
| CZ-C | 1X,IPN-1 | DA- | B1,AV1-0 | DA- | DA,CIF-0 | DA- | N2,PRE-0 |
| CZ-C | MX,IPN-0 | DA- | B1,AV5-0 | DA- | DA,CO2-0 | DA- | N2,PRE-1 |
| CZ-C | SE,IAD-C | DA- | B1,CMA-0 | DA- | DA,CO4-2 | DA- | N3,AV1-0 |
| CZ-C | SE,IAD-D | DA- | BV,AV1-0 | DA- | DA,CPR-0 | DA- | N3,AV5-0 |
| CZ-C | SE,IPN-7 | DA- | BV,AV3-0 | DA- | DA,PRE-0 | DA- | N3,CMA-0 |
| CZ-C | SE,IPN-9 | DA- | BV,AV5-0 | DA- | DA,PRE-1 | DA- | N3,PRE-0 |
| CZ-C | SG,IAD-2 | DA- | BV,CMA-0 | DA- | DB,AV1-0 | DA- | N3,PRE-1 |
| CZ-C | SG,IAD-3 | DA- | BV,PRE-0 | DA- | DB,AV6-0 | DA- | N5,AV1-0 |
| CZ-C | SG,IPN-1 | DA- | BV,PRE-1 | DA- | DB,CMA-0 | DA- | N6,AV1-0 |
| CZ-C | SG,IPN-3 | DA- | BW,AV1-0 | DA- | DP,AV1-0 | DA- | NC,AV1-0 |
| CZ-0 | N2,RL3-1 | DA- | BW,AV5-0 | DA- | DP,AV3-0 | DA- | NC,AV3-0 |
| CZ-F | AC,RL1-1 | DA- | BW,CMA-0 | DA- | DP,AV3-1 | DA- | NC,AV3-1 |
| CZ-G | 33,CO3-6 | DA- | BW,PRE-0 | DA- | DP,AV5-0 | DA- | NC,AV5-0 |
| CZ-G | 88,CO8-6 | DA- | BW,PRE-1 | DA- | DQ,AV1-0 | DA- | NC,CMA-1 |
| CZ-G | CM,CO4-1 | DA- | BX,AV1-0 | DA- | DQ,AV5-0 | DA- | NC,PRE-1 |
| CZ-G | CM,CO5-0 | DA- | BX,AV5-0 | DA- | EX,AV1-0 | DA- | NC,PRE-2 |
| CZ-G | CM,CO7-0 | DA- | BX,CMA-0 | DA- | EX,CMA-0 | DA- | ND,AV1-0 |
| CZ-G | CN,CO4-1 | DA- | BY,AV1-0 | DA- | EX,PRE-0 | DA- | ND,AV5-0 |
| CZ-G | CN,CO5-0 | DA- | BY,AV5-0 | DA- | FX,AV1-0 | DA- | ND,CMA-0 |
| CZ-G | CN,CO7-0 | DA- | BY,CMA-0 | DA- | FX,AV5-0 | DA- | ND,PRE-0 |
| CZ-G | DA,CO5-0 | DA- | C2,AV1-0 | DA- | FX,CMA-0 | DA- | NE,AV1-0 |
| CZ-G | DA,CO7-0 | DA- | C2,CMA-0 | DA- | FX,PRE-0 | DA- | NE,AV3-0 |
| CZ-G | PD,CO4-1 | DA- | C3,AV1-0 | DA- | FX,PRE-1 | DA- | NE,AV3-1 |
| CZ-G | PD,CO5-0 | DA- | C3,AV2-0 | DA- | G1,AV1-0 | DA- | NE,AV5-0 |
| CZ-G | PD,CO7-0 | DA- | C3,PRE-0 | DA- | G1,AV5-0 | DA- | NE,CMA-1 |
| CZ-G | QU,CO4-1 | DA- | C3,PRE-1 | DA- | GR,AV1-0 | DA- | NE,PRE-1 |
| CZ-G | SE,CO4-2 | DA- | C8,AV1-0 | DA- | GR,AV5-0 | DA- | NE,PRE-2 |
| CZ-G | SE,CO5-0 | DA- | C8,AV2-0 | DA- | GR,AV8-0 | DA- | NQ,AV1-0 |
| CZ-G | SE,CO7-2 | DA- | C8,PRE-0 | DA- | HX,AV1-0 | DA- | NQ,AV5-0 |
| CZ-G | SG,CO4-2 | DA- | C8,PRE-1 | DA- | HX,AV5-0 | DA- | NQ,AV5-1 |
| CZ-G | SG,CO5-0 | DA- | CM,AV1-0 | DA- | HX,CMA-0 | DA- | NQ,AV6-3 |
| CZ-G | SG,CO7-2 | DA- | CM,AV2-0 | DA- | HX,PRE-0 | DA- | NQ,CMA-0 |
| CZ-X | NC,IAD-2 | DA- | CM,AV3-0 | DA- | IF,AV1-0 | DA- | PA,AV1-0 |
| CZ-X | NC,IPN-1 | DA- | CM,AV5-0 | DA- | IF,AV5-0 | DA- | PA,AV3-0 |
| CZ-X | NE,IPN-1 | DA- | CM,CIF-1 | DA- | IF,CMA-0 | DA- | PA,CMA-0 |
| DA- | 1X,AV1-0 | DA- | CM,CMA-2 | DA- | IF,PRE-0 | DA- | PA,PRE-0 |
| DA- | 1X,AV1-1 | DA- | CM,CO2-1 | DA- | IF,PRE-1 | DA- | PA,PRE-1 |
| DA- | 1X,AV1-2 | DA- | CM,CO4-0 | DA- | IG,AV1-0 | DA- | PB,AV1-0 |
| DA- | 1X,AV5-1 | DA- | CM,CPR-0 | DA- | IG,AV5-0 | DA- | PB,CMA-0 |

## PREDICTION, SOURCE SUBRULE

| | | | |
|---|---|---|---|
| DA- PB,PRE-0 | DA- SE,AV3-2 | DA- XC,PRE-0 | DN- PD,AAA-0 |
| DA- PB,PRE-1 | DA- SE,AV3-3 | DA- XC,PRE-1 | DN- PD,AAB-0 |
| DA- PD,AV1-0 | DA- SE,AV5-0 | DA- XD,AV1-0 | DN- PD,NAD-0 |
| DA- PD,AV2-0 | DA- SE,AV8-3 | DA- XD,AV2-0 | DN- PD,NUM-0 |
| DA- PD,AV3-0 | DA- SE,CIF-0 | DA- XD,AV3-0 | DN- QU,AAA-0 |
| DA- PD,AV3-1 | DA- SE,CO2-0 | DA- XD,AV5-0 | DN- QU,AAB-0 |
| DA- PD,AV5-0 | DA- SE,CO4-0 | DA- XD,CM4-0 | DN- QU,NAD-0 |
| DA- PD,CIF-0 | DA- SE,CPR-0 | DA- XD,CPR-0 | DN- QU,NUM-0 |
| DA- PD,CMA-0 | DA- SE,PRE-0 | DA- XD,PRE-0 | DN- SE,AAA-2 |
| DA- PD,CO2-0 | DA- SE,PRE-1 | DA- XD,PRE-1 | DN- SE,NAD-0 |
| DA- PD,CO2-6 | DA- SE,PRE-3 | DB- 1X,BG1-0 | DN- SE,NUM-2 |
| DA- PD,CO4-0 | DA- SE,PRE-4 | DB- 1X,BG1-1 | DN- SF,AAA-1 |
| DA- PD,CPR-0 | DA- SF,AV1-0 | DB- BV,BII-0 | DN- SG,AAA-2 |
| DA- PD,PRE-0 | DA- SF,AV3-0 | DB- DB,AV1-0 | DN- SG,NAD-0 |
| DA- PD,PRE-1 | DA- SF,AV5-0 | DB- DB,AV2-0 | DN- SG,NUM-2 |
| DA- PF,AV1-0 | DA- SF,AV8-1 | DB- DB,AV3-0 | DN- VX,AAA-0 |
| DA- PF,AV3-0 | DA- SF,PRE-0 | DB- DB,AV3-1 | DN- VX,ADP-0 |
| DA- PF,AV3-1 | DA- SF,PRE-1 | DB- DB,AV4-0 | DN- VX,NAD-0 |
| DA- PF,AV5-0 | DA- SG,AV1-0 | DB- DB,AV5-0 | DN- VX,NUM-0 |
| DA- PF,CMA-0 | DA- SG,AV3-2 | DB- DB,AV6-0 | DN- WX,AAA-0 |
| DA- PF,PRE-0 | DA- SG,AV3-3 | DB- DB,AV6-1 | DN- WX,NAD-0 |
| DA- PF,PRE-1 | DA- SG,AV5-0 | DB- DB,AV7-0 | DN- WX,NUM-0 |
| DA- PG,AV1-0 | DA- SG,AV8-3 | DB- DB,AV8-0 | DP- 1X,G13-0 |
| DA- PG,AV5-0 | DA- SG,CIF-0 | DB- DB,CMA-0 | DP- 1X,G13-1 |
| DA- PG,CMA-0 | DA- SG,CO2-0 | DB- DB,CMA-1 | DP- 1X,PRE-2 |
| DA- PG,PRE-0 | DA- SG,CO4-0 | DB- DB,CPR-0 | DP- 33,PRE-2 |
| DA- PG,PRE-1 | DA- SG,CPR-0 | DB- DB,PRE-0 | DP- 88,PRE-2 |
| DA- PH,AV1-0 | DA- SG,PRE-0 | DB- DB,PRE-1 | DP- AP,R13-0 |
| DA- PH,AV5-0 | DA- SG,PRE-1 | DB- GR,BG1-0 | DP- B1,III-0 |
| DA- PH,CMA-0 | DA- SG,PRE-3 | DB- N2,BG1-0 | DP- B1,II3-0 |
| DA- PI,AV1-0 | DA- SG,PRE-4 | DB- PA,BR1-0 | DP- BV,II3-0 |
| DA- PI,AV5-0 | DA- TX,AV1-0 | DB- PF,BP1-0 | DP- BV,PRE-2 |
| DA- PI,CMA-0 | DA- TX,AV5-0 | DB- SE,BE1-1 | DP- BW,PRE-2 |
| DA- PJ,AV1-0 | DA- TX,CMA-0 | DB- SE,BG1-0 | DP- C3,PRE-2 |
| DA- PJ,AV5-0 | DA- UX,AV1-0 | DB- SE,BG1-1 | DP- C8,PRE-2 |
| DA- Q1,AV1-0 | DA- UX,AV3-0 | DB- SE,BI1-0 | DP- CM,CPR-0 |
| DA- Q1,AV5-0 | DA- UX,AV3-0 | DB- SE,BR1-0 | DP- CM,PRE-2 |
| DA- Q1,CMA-0 | DA- UX,AV5-0 | DB- SF,BG1-0 | DP- CN,CPR-0 |
| DA- QU,AV1-0 | DA- UX,CMA-0 | DB- SF,BG1-1 | DP- CN,PRE-2 |
| DA- QU,AV2-0 | DA- UX,PRE-0 | DB- SG,BG1-0 | DP- DA,CPR-0 |
| DA- QU,AV3-0 | DA- UX,PRE-1 | DB- SG,BG1-1 | DP- DA,PRE-2 |
| DA- QU,AV3-1 | DA- VX,AV1-0 | DB- SG,BR1-0 | DP- DB,CPR-0 |
| DA- QU,AV5-0 | DA- VX,AV2-0 | DB- VX,BE1-0 | DP- DB,PRE-2 |
| DA- QU,CIF-0 | DA- VX,AV3-0 | DB- WX,BE1-1 | DP- DP,AV1-0 |
| DA- QU,CMA-0 | DA- VX,AV3-1 | DC- SE,AUX-1 | DP- DP,AV3-0 |
| DA- QU,CO2-0 | DA- VX,AV5-0 | DC- SE,BE1-0 | DP- DP,AV3-1 |
| DA- QU,CO4-0 | DA- VX,CMA-0 | DC- SE,HAV-1 | DP- DP,AV5-0 |
| DA- QU,CPR-0 | DA- VX,PRE-0 | DN-Y XC,CMA-1 | DP- DP,AV6-0 |
| DA- QU,PRE-0 | DA- VX,PRE-1 | DN- CM,AAA-0 | DP- DP,AV6-1 |
| DA- QU,PRE-1 | DA- WX,AV1-0 | DN- CN,AAA-0 | DP- DP,AV6-2 |
| DA- R1,AV1-0 | DA- WX,AV2-0 | DN- DA,AAA-0 | DP- DP,AV6-3 |
| DA- R1,AV5-0 | DA- WX,AV5-0 | DN- DA,NUM-0 | DP- DP,AV8-0 |
| DA- R1,CMA-0 | DA- WX,CMA-0 | DN- DN,AAA-0 | DP- DP,PRE-0 |
| DA- RR,AV1-0 | DA- WX,PRE-0 | DN- DN,ADL-0 | DP- DP,PRE-1 |
| DA- RR,AV5-0 | DA- WX,PRE-1 | DN- DN,ADL-1 | DP- DP,PRE-2 |
| DA- RR,CMA-0 | DA- XC,AV1-0 | DN- DN,ADL-2 | DP- FX,PRE-2 |
| DA- RS,AV1-0 | DA- XC,AV2-0 | DN- DN,ADL-3 | DP- GR,G13-0 |
| DA- RS,AV5-0 | DA- XC,AV3-0 | DN- DN,NAD-0 | DP- IF,PRE-2 |
| DA- RS,CMA-0 | DA- XC,AV5-0 | DN- DN,NUM-0 | DP- IG,PRE-2 |
| DA- SE,AV2-0 | DA- XC,CMA-2 | DN- DN,RI1-0 | DP- IX,PRE-2 |
| DA- SE,AV2-1 | DA- XC,CPR-0 | DN- DN,XCO-0 | DP- MX,PRE-2 |

| PREDICTION, | SOURCE | | SUBRULE |
|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| OP- | N2,GI3-0 | DQ- | B1,II1-1 | DQ- | SG,PI1-1 | G1-A | SF,GT1-3 |
| OP- | N2,PRE-2 | DQ- | B1,II3-1 | DQ- | SG,PI3-0 | G1-A | SG,GT1-2 |
| OP- | N3,PRE-2 | DQ- | BW,BI1-0 | DQ- | SG,PI3-1 | G1-B | N2,GT1-1 |
| OP- | NC,CPR-0 | DQ- | BW,BI2-0 | DQ- | TX,VI1-1 | G1-X | G1,AV1-0 |
| OP- | NC,PRE-3 | DQ- | BW,BI2-1 | DQ- | TX,VI3-1 | G1-X | G1,AV5-0 |
| OP- | NE,CPR-0 | DQ- | BW,III-0 | DQ- | WX,BE1-0 | G1-X | GR,GT1-1 |
| OP- | NE,PRE-3 | DQ- | BW,II2-0 | DQ- | WX,BE2-0 | GR-A | 1X,BG1-1 |
| OP- | PA,PRE-2 | DQ- | BW,II2-2 | DQ- | WX,BE2-1 | GR-A | 1X,BG2-2 |
| OP- | PA,RI3-0 | DQ- | BW,II3-0 | DQ- | WX,VI1-0 | GR-A | 1X,BG2-3 |
| OP- | PB,PRE-2 | DQ- | BW,IT1-1 | DQ- | WX,VI2-0 | GR-A | 1X,BG3-1 |
| OP- | PB,RI3-1 | DQ- | BW,IT2-1 | DQ- | WX,VI2-1 | GR-A | 1X,GI1-1 |
| OP- | PD,CPR-0 | DQ- | BW,IT3-2 | DQ- | WX,VI3-0 | GR-A | 1X,GI2-2 |
| OP- | PD,PRE-2 | DQ- | BW,IT3-3 | DQ- | WX,VT1-1 | GR-A | 1X,GI2-3 |
| OP- | PF,PI3-0 | DQ- | DQ,AV1-0 | DQ- | WX,VT2-1 | GR-A | 1X,GI3-1 |
| OP- | PF,PRE-2 | DQ- | DQ,AV5-0 | DQ- | WX,VT3-2 | GR-A | 1X,GT1-1 |
| OP- | PG,PI3-1 | DQ- | DQ,PRE-1 | DQ- | WX,VT3-3 | GR-A | 1X,GT2-1 |
| OP- | PG,PRE-2 | DQ- | PA,PI1-0 | DQ- | WX,VT3-4 | GR-A | 1X,GT3-3 |
| OP- | Q1,PI1-0 | DQ- | PA,PI3-0 | EC-A | SE,ADJ-1 | GR-A | 1X,GT3-4 |
| OP- | Q1,PI3-0 | DQ- | PB,BR2-0 | EX-X | EX,AV1-0 | GR-A | 1X,GT3-5 |
| OP- | QU,CPR-0 | DQ- | PB,BR2-1 | EX-X | EX,BE2-0 | GR-A | 1X,GT4-1 |
| OP- | QU,PRE-2 | DQ- | PB,PT1-1 | EX-X | EX,CMA-0 | GR-A | 1X,GT5-1 |
| OP- | R1,PT1-0 | DQ- | PB,PT2-1 | EX-X | EX,CMA-1 | GR-A | 1X,GT6-2 |
| OP- | R1,RI1-0 | DQ- | PB,PT3-1 | EX-X | EX,PRE-0 | GR-A | 1X,GT6-3 |
| OP- | R1,RI3-0 | DQ- | PB,PT3-2 | EZ-B | SE,IAD-2 | GR-A | 1X,GT7-2 |
| OP- | SE,CPR-0 | DQ- | PB,RI1-0 | EZ-B | SE,IPN-1 | GR-A | 1X,GT7-3 |
| OP- | SE,GI3-0 | DQ- | PB,RI2-0 | EZ-B | SE,IPO-4 | GR-A | 1X,HVG-2 |
| OP- | SE,GI3-1 | DQ- | PB,RI2-1 | EZ-B | SE,IPO-5 | GR-A | 1X,HVG-3 |
| OP- | SE,II3-0 | DQ- | PB,RI3-0 | EZ-B | SE,IPO-6 | GR-A | SE,BG1-1 |
| OP- | SE,PRE-2 | DQ- | PB,RT1-1 | FX-X | FX,AV1-0 | GR-A | SE,BG2-2 |
| OP- | SE,PRE-5 | DQ- | PB,RT2-1 | FX-X | FX,AV5-0 | GR-A | SE,BG2-3 |
| OP- | SE,RI3-0 | DQ- | PB,RT3-2 | FX-X | FX,AV8-0 | GR-A | SE,BG3-1 |
| OP- | SF,GI3-0 | DQ- | PB,RT3-3 | FX-X | FX,BE3-0 | GR-A | SE,GI1-1 |
| OP- | SF,GI3-1 | DQ- | PG,BP1-0 | FX-X | FX,CMA-0 | GR-A | SE,GI2-2 |
| OP- | SF,PRE-2 | DQ- | PG,BP2-0 | FX-X | FX,CMA-1 | GR-A | SE,GI2-3 |
| OP- | SG,CPR-0 | DQ- | PG,BP2-1 | FX-X | FX,PRE-0 | GR-A | SE,GI3-1 |
| OP- | SG,GI3-0 | DQ- | PG,HP3-1 | FX-X | FX,PRE-1 | GR-A | SE,GT1-1 |
| OP- | SG,GI3-1 | DQ- | PG,HP3-2 | FX-X | FX,PRE-2 | GR-A | SE,GT2-1 |
| OP- | SG,PRE-2 | DQ- | PG,PI1-0 | FZ-A | DA,CO4-4 | GR-A | SE,GT3-3 |
| OP- | SG,PRE-5 | DQ- | PG,PI2-0 | FZ-A | SE,PI1-1 | GR-A | SE,GT3-4 |
| OP- | SG,RI3-0 | DQ- | PG,PI2-1 | FZ-A | SE,PI3-1 | GR-A | SE,GT3-5 |
| OP- | TX,VI1-0 | DQ- | PG,PI3-0 | FZ-A | SE,PT1-1 | GR-A | SE,GT4-1 |
| OP- | TX,VI3-0 | DQ- | PG,PT1-1 | FZ-B | SE,IAD-4 | GR-A | SE,GT5-1 |
| OP- | UX,PRE-2 | DQ- | PG,PT2-1 | FZ-B | SE,IAD-5 | GR-A | SE,GT6-2 |
| OP- | VX,PRE-2 | DQ- | PG,PT3-2 | FZ-B | SE,IAD-8 | GR-A | SE,GT6-3 |
| OP- | VX,VI3-0 | DQ- | PG,PT3-3 | FZ-B | SE,IAD-9 | GR-A | SE,GT7-2 |
| OP- | WX,PRE-2 | DQ- | PG,PT3-4 | FZ-B | SE,IAV-2 | GR-A | SE,GT7-3 |
| OP- | WX,VI3-1 | DQ- | Q1,PI1-1 | FZ-B | SE,IAV-3 | GR-A | SE,HVG-1 |
| OP- | XC,CPR-0 | DQ- | Q1,PI3-1 | FZ-B | SE,IPN-4 | GR-A | SE,TIT-0 |
| OP- | XC,PRE-2 | DQ- | R1,PT1-1 | FZ-B | SE,IPN-5 | GR-A | SE,TIT-4 |
| OP- | XD,CPR-0 | DQ- | R1,RI1-1 | FZ-B | SE,IPO-2 | GR-A | SF,BG1-1 |
| OP- | XD,PRE-2 | DQ- | R1,RI3-1 | FZ-B | SE,IPO-3 | GR-A | SF,BG2-2 |
| DQ- | AC,AAA-1 | DQ- | RR,PI1-0 | FZ-G | PD,CO4-2 | GR-A | SF,BG2-3 |
| DQ- | AC,AAA-2 | DQ- | RR,PI3-0 | FZ-G | QU,CO4-2 | GR-A | SF,BG3-1 |
| DQ- | AC,NO4-1 | DQ- | SE,IPO-4 | FZ-G | SE,CO4-1 | GR-A | SF,GI1-1 |
| DQ- | AC,NO4-2 | DQ- | SE,IPO-6 | FZ-G | SG,CO4-1 | GR-A | SF,GI2-2 |
| DQ- | AC,NOU-1 | DQ- | SE,PI1-0 | FZ-X | SG,PI1-1 | GR-A | SF,GI2-3 |
| DQ- | AC,NOU-2 | DQ- | SE,PI1-1 | FZ-X | SG,PI3-1 | GR-A | SF,GI3-1 |
| DQ- | AC,NUM-1 | DQ- | SE,PI3-0 | FZ-X | SG,PT1-1 | GR-A | SF,GT1-1 |
| DQ- | AC,NUM-2 | DQ- | SE,PI3-1 | G1-A | 1X,GT1-2 | GR-A | SF,GT1-3 |
| DQ- | AP,PI1-0 | DQ- | SF,AV4-0 | G1-A | SE,GT1-2 | GR-A | SF,GT2-1 |
| DQ- | AP,PI3-0 | DQ- | SG,PI1-0 | G1-A | SF,GT1-2 | GR-A | SF,GT3-3 |

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| GR-A | SF,GT3-4 | GR-B | N2,GT3-1 | HZ-B | SE,IAV-1 | IF-M | DA,TOI-0 |
| GR-A | SF,GT3-5 | GR-B | N2,GT3-2 | HZ-B | SE,IAV-8 | IF-M | PD,TOI-0 |
| GR-A | SF,GT4-1 | GR-B | N2,GT4-0 | HZ-B | SE,IPN-3 | IF-M | QU,TOI-0 |
| GR-A | SF,GT5-1 | GR-B | N2,GT5-0 | HZ-B | SE,IPO-1 | IF-M | SE,TOI-2 |
| GR-A | SF,GT6-1 | GR-B | N2,GT6-0 | I1-A | TX,HAV-1 | IF-M | SG,TOI-0 |
| GR-A | SF,GT6-2 | GR-B | N2,GT6-1 | IC-A | SE,ADJ-1 | IF-M | VX,TOI-0 |
| GR-A | SF,GT7-1 | GR-B | N2,GT7-0 | ID- | 1X,IAV-1 | IF-N | AC,PRE-1 |
| GR-A | SF,GT7-2 | GR-B | N2,GT7-1 | ID- | MX,IAV-2 | IF-R | AP,PT4-0 |
| GR-A | SF,HVG-1 | GR-B | N2,HVG-0 | ID- | NC,IAV-0 | IF-R | PA,PT4-0 |
| GR-A | SF,TIT-0 | GR-B | N2,HVG-1 | ID- | NC,IAV-2 | IF-R | SE,PT4-0 |
| GR-A | SG,BG1-1 | GR-B | N3,PRE-1 | ID- | NC,IAV-2 | IF-R | SG,PT4-0 |
| GR-A | SG,BG2-2 | GR-B | NC,PRE-2 | ID- | ND,IAV-0 | IF-T | SF,HVG-0 |
| GR-A | SG,BG2-3 | GR-B | NE,PRE-2 | ID- | NE,IAV-0 | IF-T | SF,HVG-1 |
| GR-A | SG,BG3-1 | GR-B | PA,PRE-0 | ID- | NE,IAV-2 | IF-X | BV,HVI-1 |
| GR-A | SG,GI1-1 | GR-B | PB,PRE-1 | ID- | NE,IAV-2 | IF-X | IF,AV1-0 |
| GR-A | SG,GI2-2 | GR-B | PD,PRE-1 | ID- | SE,IAV-0 | IF-X | IF,AV5-0 |
| GR-A | SG,GI2-3 | GR-B | PF,PRE-1 | ID- | SE,IAV-1 | IF-X | IF,AV6-0 |
| GR-A | SG,GI3-1 | GR-B | PG,PRE-1 | ID- | SE,IAV-2 | IF-X | IF,AV8-0 |
| GR-A | SG,GT1-1 | GR-B | QU,PRE-1 | ID- | SE,IAV-3 | IF-X | IF,CMA-0 |
| GR-A | SG,GT2-1 | GR-B | SE,PRE-1 | ID- | SE,IAV-4 | IF-X | IF,CMA-1 |
| GR-A | SG,GT3-3 | GR-B | SE,PRE-4 | ID- | SE,IAV-5 | IF-X | IF,PRE-0 |
| GR-A | SG,GT3-4 | GR-B | SF,PRE-1 | ID- | SE,IAV-6 | IF-X | IF,PRE-1 |
| GR-A | SG,GT3-5 | GR-B | SG,PRE-1 | ID- | SE,IAV-6 | IF-X | IF,PRE-2 |
| GR-A | SG,GT4-1 | GR-B | SG,PRE-3 | ID- | SE,IAV-7 | IF-X | IF,TOI-0 |
| GR-A | SG,GT5-1 | GR-B | UX,PRE-1 | ID- | SG,IAV-0 | IF-X | PA,HVP-1 |
| GR-A | SG,GT6-2 | GR-B | VX,PRE-1 | ID- | SG,IAV-1 | IF-X | PF,HPP-0 |
| GR-A | SG,GT6-3 | GR-B | WX,PRE-1 | ID- | SG,IAV-2 | IG-A | SE,IAD-9 |
| GR-A | SG,GT7-2 | GR-B | XC,PRE-1 | ID- | SG,IAV-3 | IG-A | SE,IPO-3 |
| GR-A | SG,GT7-3 | GR-B | XD,PRE-0 | IF-A | SE,BE3-1 | IG-A | WX,BE3-1 |
| GR-A | SG,HVG-1 | GR-X | GR,AV1-0 | IF-A | SE,IAV-3 | IG-A | WX,HAV-1 |
| GR-A | SG,TIT-0 | GR-X | GR,AV5-0 | IF-A | VX,BE3-1 | IG-F | BW,IT1-2 |
| GR-A | SG,TIT-4 | GR-X | GR,AV8-0 | IF-A | VX,HAV-1 | IG-F | NC,IAD-3 |
| GR-B | 1X,PRE-1 | GR-X | GR,BG1-0 | IF-C | SE,HVP-1 | IG-F | NC,IPO-1 |
| GR-B | 33,PRE-1 | GR-X | GR,BG2-0 | IF-C | SG,HVP-1 | IG-F | NE,IAD-3 |
| GR-B | 88,PRE-1 | GR-X | GR,BG2-1 | IF-E | 1X,HVG-3 | IG-F | NE,IPO-1 |
| GR-B | AI,PRE-1 | GR-X | GR,BG3-0 | IF-E | 1X,HVG-3 | IG-F | PB,RT1-2 |
| GR-B | BV,PRE-1 | GR-X | GR,GI1-0 | IF-E | GR,HVG-1 | IG-F | PG,PT1-2 |
| GR-B | BW,PRE-1 | GR-X | GR,GI2-0 | IF-E | N2,HVG-1 | IG-F | WX,VT1-2 |
| GR-B | C3,PRE-1 | GR-X | GR,GI2-1 | IF-E | SE,HVG-0 | IG-I | 1X,IPO-1 |
| GR-B | C8,PRE-1 | GR-X | GR,GI3-0 | IF-E | SE,HVG-1 | IG-I | MX,IPO-1 |
| GR-B | CM,PRE-1 | GR-X | GR,GT1-0 | IF-E | SG,HVG-0 | IG-I | SE,IAD-G |
| GR-B | CN,PRE-1 | GR-X | GR,GT2-0 | IF-E | SG,HVG-1 | IG-I | SE,IAD-H |
| GR-B | DA,PRE-1 | GR-X | GR,GT3-0 | IF-F | N2,TOI-0 | IG-I | SE,IPO-A |
| GR-B | DB,PRE-1 | GR-X | GR,GT3-1 | IF-F | NC,IAV-2 | IG-I | SE,IPO-9 |
| GR-B | DP,PRE-1 | GR-X | GR,GT3-2 | IF-I | 1X,IAV-2 | IG-I | SF,TIT-3 |
| GR-B | FX,PRE-1 | GR-X | GR,GT4-0 | IF-I | 1X,TOI-1 | IG-I | SG,IAD-6 |
| GR-B | IF,PRE-1 | GR-X | GR,GT5-0 | IF-I | MX,IAV-3 | IG-I | SG,IAD-7 |
| GR-B | IG,PRE-1 | GR-X | GR,GT6-0 | IF-I | SE,IAV-6 | IG-I | SG,IPO-2 |
| GR-B | IX,PRE-1 | GR-X | GR,GT6-1 | IF-I | SE,IAV-7 | IG-I | SG,IPO-3 |
| GR-B | MX,PRE-1 | GR-X | GR,GT7-0 | IF-I | SE,TIT-1 | IG-M | BW,BI2-2 |
| GR-B | N2,BG1-0 | GR-X | GR,GT7-1 | IF-I | SE,TIT-5 | IG-M | BW,II1-1 |
| GR-B | N2,BG2-0 | GR-X | GR,HVG-0 | IF-I | SE,TOI-1 | IG-M | BW,II2-1 |
| GR-B | N2,BG2-1 | GR-X | GR,HVG-1 | IF-I | SF,TIT-1 | IG-M | BW,IT1-3 |
| GR-B | N2,BG3-0 | HX-X | HX,AV1-0 | IF-I | SF,TOI-1 | IG-M | PB,PT1-0 |
| GR-B | N2,GI1-0 | HX-X | HX,AV5-0 | IF-I | SG,IAV-2 | IG-M | PB,PT2-2 |
| GR-B | N2,GI2-0 | HX-X | HX,CMA-0 | IF-I | SG,IAV-3 | IG-M | PB,PT3-3 |
| GR-B | N2,GI2-1 | HX-X | HX,CMA-1 | IF-I | SG,TIT-1 | IG-M | PB,PT3-4 |
| GR-B | N2,GI3-0 | HX-X | HX,PRE-0 | IF-I | SG,TIT-5 | IG-M | PB,RI1-1 |
| GR-B | N2,GT1-0 | HZ-B | SE,IAD-3 | IF-I | SG,TOI-2 | IG-M | PB,RI2-2 |
| GR-B | N2,GT2-0 | HZ-B | SE,IAD-7 | IF-M | CM,TOI-0 | IG-M | PB,RI2-3 |
| GR-B | N2,GT3-0 | | | IF-M | CN,TOI-0 | IG-M | PB,RI3-1 |

| | PREDICTION, | | SOURCE | | SUBRULE | | |
|---|---|---|---|---|---|---|---|
| IG-M | PB,RT1-3 | II-X | II,CMA-0 | LB- | AC,NO4-1 | MC-X | 7X,MMM-4 |
| IG-M | PB,RT2-2 | II-X | II,CMA-1 | LB- | AC,NO4-2 | MC-X | 7X,MMM-4 |
| IG-M | PB,RT3-4 | IN- | SE,IPN-0 | LB- | AC,NOU-1 | MC-X | MX,NNN-3 |
| IG-M | PB,RT3-5 | IN- | SE,IPN-6 | LB- | AC,NOU-2 | MC-X | MX,NNN-4 |
| IG-M | PG,BP2-2 | IN- | SE,IPN-8 | LB- | AC,NUM-1 | MC-X | MX,NNN-4 |
| IG-M | PG,HP3-3 | IN- | SG,IPN-0 | LB- | AC,NUM-2 | MC-X | MX,PRN-3 |
| IG-M | PG,HP3-4 | IN- | SG,IPN-2 | LB- | AC,PRE-0 | MC-X | MX,PRN-4 |
| IG-M | PG,PI1-1 | IO- | NC,IPO-0 | LB- | AC,PRE-1 | MC-X | MX,PRN-4 |
| IG-M | PG,PI2-2 | IO- | NC,IPO-1 | MC-A | AC,NNN-3 | MX-X | 1X,ADP-0 |
| IG-M | PG,PI2-3 | IO- | NC,IPO-1 | MC-A | AC,NNN-4 | MX-X | 1X,ADP-1 |
| IG-M | PG,PI3-1 | IO- | NC,PRE-0 | MC-A | AC,NNN-4 | MX-X | 1X,AV3-0 |
| IG-M | PG,PI3-1 | IO- | NE,IPO-0 | MC-A | AC,PRN-1 | MX-X | 1X,AV8-0 |
| IG-M | PG,PT1-3 | IO- | NE,IPO-1 | MC-A | AC,PRN-2 | MX-X | MX,ADP-0 |
| IG-M | PG,PT2-2 | IO- | NE,IPO-1 | MC-A | AC,PRN-2 | MX-X | MX,ADP-1 |
| IG-M | PG,PT3-5 | IO- | NE,PRE-0 | MC-A | AC,PRN-3 | MX-X | MX,AV3-0 |
| IG-M | PG,PT3-6 | IO- | SE,IPO-0 | MC-A | SE,NNN-3 | MX-X | MX,AV6-0 |
| IG-M | PG,PT3-7 | IO- | SE,IPO-1 | MC-A | SE,NNN-4 | MX-X | MX,AV6-3 |
| IG-M | SE,IPO-5 | IO- | SE,IPO-A | MC-A | SE,NNN-4 | MX-X | MX,AV8-0 |
| IG-M | WX,BE1-1 | IO- | SE,IPO-2 | MC-A | SE,PRN-2 | MX-X | MX,PRE-0 |
| IG-M | WX,BE2-2 | IO- | SE,IPO-3 | MC-A | SE,PRN-3 | MX-X | MX,PRE-1 |
| IG-M | WX,BE2-3 | IO- | SE,IPO-7 | MC-A | SE,PRN-3 | MX-X | MX,PRE-2 |
| IG-M | WX,VI1-1 | IO- | SE,IPO-8 | MC-A | SF,NNN-3 | MX-X | N3,AV3-0 |
| IG-M | WX,VI2-2 | IO- | SE,IPO-9 | MC-A | SF,NNN-4 | MZ-A | AC,ADP-0 |
| IG-M | WX,VI2-3 | IO- | SE,IPO-9 | MC-A | SF,NNN-4 | MZ-A | AC,ADP-1 |
| IG-M | WX,VI3-1 | IO- | SG,IPO-0 | MC-A | SF,PRN-2 | MZ-A | SE,ADP-0 |
| IG-M | WX,VT1-3 | IO- | SG,IPO-1 | MC-A | SF,PRN-3 | MZ-A | SE,ADP-1 |
| IG-M | WX,VT2-2 | IO- | SG,IPO-2 | MC-A | SF,PRN-3 | MZ-A | SE,AV4-0 |
| IG-M | WX,VT3-5 | IO- | SG,IPO-3 | MC-A | SG,NNN-3 | MZ-A | SE,PRE-3 |
| IG-M | WX,VT3-6 | IQ- | SE,IPN-1 | MC-A | SG,NNN-4 | MZ-A | SE,PRE-4 |
| IG-M | WX,VT3-7 | IQ- | SE,IPN-2 | MC-A | SG,NNN-4 | MZ-A | SE,PRE-5 |
| IG-N | SF,AV4-1 | IQ- | SE,IPN-7 | MC-A | SG,PRN-2 | MZ-A | SF,ADP-0 |
| IG-X | BW,HVI-1 | IQ- | SE,IPN-9 | MC-A | SG,PRN-3 | MZ-A | SF,ADP-1 |
| IG-X | IG,AV1-0 | IQ- | SG,IPN-1 | MC-A | SG,PRN-3 | MZ-A | SF,AV3-1 |
| IG-X | IG,AV5-0 | IQ- | SG,IPN-3 | MC-B | SE,ADP-2 | MZ-A | SF,AV3-2 |
| IG-X | IG,AV6-0 | IX-X | IX,AUX-0 | MC-B | SE,ADP-3 | MZ-A | SF,AV4-0 |
| IG-X | IG,AV8-0 | IX-X | IX,AV1-0 | MC-B | SE,AV4-1 | MZ-A | SF,AV4-1 |
| IG-X | IG,CMA-0 | IX-X | IX,AV5-0 | MC-B | SE,NNN-6 | MZ-A | SG,ADP-0 |
| IG-X | IG,CMA-1 | IX-X | IX,AV8-0 | MC-B | SE,NNN-7 | MZ-A | SG,ADP-1 |
| IG-X | IG,PRE-0 | IX-X | IX,BE1-0 | MC-B | SE,NNN-7 | MZ-A | SG,AV4-0 |
| IG-X | IG,PRE-1 | IX-X | IX,BE3-0 | MC-B | SE,PRN-5 | MZ-A | SG,PRE-3 |
| IG-X | IG,PRE-2 | IX-X | IX,CMA-0 | MC-B | SE,PRN-6 | MZ-A | SG,PRE-4 |
| IG-X | IG,TOI-0 | IX-X | IX,CMA-1 | MC-B | SE,PRN-6 | MZ-A | SG,PRE-5 |
| IG-X | PG,HPP-0 | IX-X | IX,HAV-0 | MC-B | SG,ADP-2 | N2-A | N2,AV6-4 |
| IH-X | BX,HVI-1 | IX-X | IX,HAV-1 | MC-B | SG,ADP-3 | N2-A | NO,AV6-2 |
| IH-X | IX,HAV-1 | IX-X | IX,PRE-0 | MC-B | SG,AV4-1 | N2-A | PA,AV6-1 |
| II-A | CX,HAV-1 | IX-X | IX,PRE-1 | MC-B | SG,NNN-6 | N2-A | QU,AV6-3 |
| II-A | SE,IAD-4 | IX-X | IX,PRE-2 | MC-B | SG,NNN-7 | N2-A | SF,AV6-1 |
| II-A | SE,IPN-4 | IX-X | IX,VI1-0 | MC-B | SG,NNN-7 | N2-A | TX,VT1-0 |
| II-F | BY,IT1-0 | IZ-A | SE,AV2-1 | MC-B | SG,PRN-5 | N2-A | VX,VT1-1 |
| II-F | BY,IT2-0 | IZ-A | SE,AV4-0 | MC-B | SG,PRN-6 | N2-A | VX,VT2-0 |
| II-F | CX,VT1-0 | IZ-A | SE,PRE-3 | MC-B | SG,PRN-6 | N2-A | WX,VT1-1 |
| II-F | CX,VT2-0 | IZ-A | SE,PRE-4 | MC-X | 1X,NNN-3 | N2-A | WX,VT1-3 |
| II-F | NE,IAV-2 | IZ-A | SE,PRE-5 | MC-X | 1X,NNN-4 | N2-A | WX,VT2-0 |
| II-F | PI,PT1-0 | IZ-X | SF,AV4-0 | MC-X | 1X,NNN-4 | N2-A | WX,VT2-1 |
| II-F | PI,PT2-0 | IZ-X | SF,AV4-1 | MC-X | 1X,PRN-3 | N2-A | WX,VT2-2 |
| II-F | RS,RT1-0 | IZ-X | SG,AV4-0 | MC-X | 1X,PRN-4 | N2-B | SE,IT1-0 |
| II-F | RS,RT2-0 | IZ-X | SG,PRE-3 | MC-X | 1X,PRN-4 | N2-B | SE,IT2-0 |
| II-X | BY,HVI-1 | IZ-X | SG,PRE-4 | MC-X | 4X,MMM-3 | N2-C | AP,PT2-0 |
| II-X | II,AV1-0 | IZ-X | SG,PRE-5 | MC-X | 4X,MMM-4 | N2-C | AP,RT1-0 |
| II-X | II,AV5-0 | LB- | AC,AAA-1 | MC-X | 4X,MMM-4 | N2-C | AP,RT2-0 |
| II-X | II,AV8-0 | LB- | AC,AAA-2 | MC-X | 7X,MMM-3 | N2-C | SE,PT2-0 |

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| N2-C | SE,RT1-0 | N2-X | PB,RT2-1 | N3-E | SE,GI2-3 | N3-X | PA,RI2-1 |
| N2-C | SE,RT2-0 | N2-X | PB,RT2-2 | N3-E | SE,GT3-2 | N3-X | PA,RT3-2 |
| N2-C | SG,PT2-0 | N2-X | PF,HP1-0 | N3-E | SE,GT3-5 | N3-X | PB,BR2-1 |
| N2-C | SG,RT1-0 | N2-X | PF,PT1-0 | N3-E | SF,BG2-1 | N3-X | PB,PT3-2 |
| N2-C | SG,RT2-0 | N2-X | PF,PT2-0 | N3-E | SF,BG2-3 | N3-X | PB,PT3-4 |
| N2-E | 1X,GT1-0 | N2-X | PG,PT1-3 | N3-E | SF,GI2-1 | N3-X | PB,RI2-1 |
| N2-E | 1X,GT1-1 | N2-X | PG,PT2-0 | N3-E | SF,GI2-3 | N3-X | PB,RI2-3 |
| N2-E | 1X,GT2-0 | N2-X | PG,PT2-1 | N3-E | SF,GT3-2 | N3-X | PB,RT3-1 |
| N2-E | 1X,GT2-1 | N2-X | PG,PT2-2 | N3-E | SF,GT3-5 | N3-X | PB,RT3-3 |
| N2-E | G1,GT1-0 | N2-X | Q1,PT1-0 | N3-E | SG,BG2-1 | N3-X | PB,RT3-5 |
| N2-E | GR,GT1-0 | N2-X | R1,RT1-0 | N3-E | SG,BG2-2 | N3-X | PF,BP2-1 |
| N2-E | GR,GT2-0 | N2-X | VX,AV6-2 | N3-E | SG,GI2-1 | N3-X | PF,PI2-1 |
| N2-E | N2,GT1-0 | N3-A | N3,AV6-1 | N3-E | SG,GI2-3 | N3-X | PF,PT3-1 |
| N2-E | N2,GT2-0 | N3-A | PD,CIF-2 | N3-E | SG,GT3-2 | N3-X | PG,BP2-0 |
| N2-E | SE,GT1-0 | N3-A | PD,CO2-3 | N3-E | SG,GT3-5 | N3-X | PG,PI2-1 |
| N2-E | SE,GT1-1 | N3-A | QU,CIF-2 | N3-X | BV,BI2-1 | N3-X | PG,PI2-3 |
| N2-E | SE,GT2-0 | N3-A | QU,CO2-2 | N3-X | BV,II2-1 | N3-X | PG,PI2-3 |
| N2-E | SE,GT2-1 | N3-A | SE,BE2-1 | N3-X | BV,IT3-2 | N3-X | PG,PT3-1 |
| N2-E | SF,GT1-0 | N3-A | SE,CO2-2 | N3-X | BW,BI2-1 | N3-X | PG,PT3-4 |
| N2-E | SF,GT1-1 | N3-A | SE,IPO-6 | N3-X | BW,II2-0 | N3-X | PG,PT3-7 |
| N2-E | SF,GT2-0 | N3-A | SG,CO2-2 | N3-X | BW,IT3-1 | N5-A | AC,AAA-2 |
| N2-E | SF,GT2-1 | N3-A | VX,BE2-1 | N3-X | BW,IT3-3 | N5-A | AC,NUM-2 |
| N2-E | SG,GT1-0 | N3-A | VX,VI2-1 | N3-X | N3,AAB-1 | N5-A | AC,RL5-1 |
| N2-E | SG,GT1-1 | N3-A | VX,VT3-1 | N3-X | N3,ADP-0 | N5-A | CM,CO7-1 |
| N2-E | SG,GT2-0 | N3-A | WX,BE2-1 | N3-X | N3,ADP-1 | N5-A | CN,CO7-1 |
| N2-E | SG,GT2-1 | N3-A | WX,BE2-3 | N3-X | N3,AV1-0 | N5-A | DA,CO7-1 |
| N2-X | B1,IT1-0 | N3-A | WX,VI2-1 | N3-X | N3,AV5-0 | N5-A | IO,IAD-0 |
| N2-X | BV,IT1-0 | N3-A | WX,VI2-3 | N3-X | N3,AV6-0 | N5-A | N2,CO7-0 |
| N2-X | BV,IT2-0 | N3-A | WX,VT3-1 | N3-X | N3,AV6-1 | N5-A | NC,IAD-0 |
| N2-X | BW,IT1-1 | N3-A | WX,VT3-4 | N3-X | N3,AV6-2 | N5-A | NC,IAD-3 |
| N2-X | BW,IT1-3 | N3-A | WX,VT3-7 | N3-X | N3,AV8-0 | N5-A | NE,IAD-0 |
| N2-X | BW,IT2-0 | N3-B | SE,BI2-1 | N3-X | N3,AV8-1 | N5-A | NE,IAD-3 |
| N2-X | BW,IT2-1 | N3-B | SE,BR2-1 | N3-X | N3,CMA-0 | N5-A | PD,CO7-1 |
| N2-X | N2,AAB-1 | N3-B | SE,II2-1 | N3-X | N3,CMA-1 | N5-A | SE,CO7-0 |
| N2-X | N2,ADN-0 | N3-B | SE,IT3-2 | N3-X | N3,NOU-0 | N5-A | SE,IAD-E |
| N2-X | N2,AV1-0 | N3-B | SG,BR2-1 | N3-X | N3,NOU-3 | N5-A | SE,IAD-6 |
| N2-X | N2,AV3-0 | N3-C | AP,BR2-1 | N3-X | N3,NOU-3 | N5-A | SE,IAD-F |
| N2-X | N2,AV3-1 | N3-C | AP,PT3-1 | N3-X | N3,NOU-4 | N5-A | SE,IAD-7 |
| N2-X | N2,AV3-2 | N3-C | AP,RI2-1 | N3-X | N3,NUM-0 | N5-A | SE,IAD-G |
| N2-X | N2,AV3-4 | N3-C | AP,RT3-2 | N3-X | N3,NUM-3 | N5-A | SE,IAD-8 |
| N2-X | N2,AV6-3 | N3-C | SE,PT3-1 | N3-X | N3,NUM-3 | N5-A | SE,IAD-H |
| N2-X | N2,AV6-4 | N3-C | SE,RI2-1 | N3-X | N3,NUM-4 | N5-A | SE,IAD-9 |
| N2-X | N2,AV8-0 | N3-C | SE,RT3-0 | N3-X | N3,PRE-0 | N5-A | SG,CO7-0 |
| N2-X | N2,CMA-0 | N3-C | SG,PT3-1 | N3-X | N3,PRE-1 | N5-A | SG,IAD-4 |
| N2-X | N2,CMA-1 | N3-C | SG,RI2-1 | N3-X | N3,PRE-2 | N5-A | SG,IAD-5 |
| N2-X | N2,NNN-4 | N3-C | SG,RT3-2 | N3-X | N3,PRN-0 | N5-A | SG,IAD-6 |
| N2-X | N2,PRE-0 | N3-E | 1X,BG2-1 | N3-X | N3,PRN-2 | N5-A | SG,IAD-7 |
| N2-X | N2,PRE-1 | N3-E | 1X,BG2-3 | N3-X | N3,PRN-2 | N5-A | VX,VT3-2 |
| N2-X | N2,PRE-2 | N3-E | 1X,GI2-1 | N3-X | N3,PRN-3 | N5-A | WX,VT3-3 |
| N2-X | N2,PRO-3 | N3-E | 1X,GI2-3 | N3-X | N3,PRO-1 | N5-A | WX,VT3-6 |
| N2-X | N8,MMM-4 | N3-E | 1X,GT3-2 | N3-X | N3,PRZ-3 | N5-B | SE,IT3-1 |
| N2-X | NQ,NNN-4 | N3-E | 1X,GT3-5 | N3-X | N6,MMM-0 | N5-C | AP,RT3-1 |
| N2-X | NQ,PRO-3 | N3-E | GR,BG2-1 | N3-X | N6,MMM-3 | N5-C | SE,RT3-2 |
| N2-X | PA,PT2-0 | N3-E | GR,GI2-1 | N3-X | N6,MMM-3 | N5-C | SG,RT3-1 |
| N2-X | PA,RT1-0 | N3-E | GR,GT3-2 | N3-X | N6,MMM-4 | N5-E | 1X,GT3-1 |
| N2-X | PA,RT2-0 | N3-E | N2,BG2-1 | N3-X | N9,MMM-0 | N5-E | 1X,GT3-4 |
| N2-X | PB,PT2-1 | N3-E | N2,GI2-1 | N3-X | N9,MMM-3 | N5-E | GR,GT3-1 |
| N2-X | PB,PT2-2 | N3-E | N2,GT3-2 | N3-X | N9,MMM-3 | N5-E | N2,GT3-1 |
| N2-X | PB,RT1-1 | N3-E | SE,BG2-1 | N3-X | N9,MMM-4 | N5-E | SE,GT3-1 |
| N2-X | PB,RT1-3 | N3-E | SE,BG2-3 | N3-X | PA,BR2-1 | N5-E | SE,GT3-4 |
| N2-X | PB,RT2-0 | N3-E | SE,GI2-1 | N3-X | PA,PT3-1 | N5-E | SF,GT3-1 |

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| N5-E | SF,GT3-4 | N6-A | SE,IAD-4 | NC-C | SE,IAV-5 | NC-D | SE,GT7-0 |
| N5-E | SG,GT3-1 | N6-A | SE,IAD-D | NC-C | SE,IAV-7 | NC-D | SE,GT7-1 |
| N5-G | LB,RL5-0 | N6-A | SE,IAD-5 | NC-C | SE,IPN-8 | NC-D | SE,GT7-2 |
| N5-X | BV,IT3-1 | N6-A | SG,CO7-2 | NC-C | SE,IPN-9 | NC-D | SE,GT7-3 |
| N5-X | N2,AAA-0 | N6-A | SG,IAD-2 | NC-C | SE,IPO-A | NC-D | SE,IT6-0 |
| N5-X | N2,AAB-0 | N6-A | SG,IAD-3 | NC-C | SE,IPO-8 | NC-D | SE,IT6-1 |
| N5-X | N2,AAB-1 | N6-X | N3,AAA-0 | NC-C | SF,TIT-2 | NC-D | SE,IT7-0 |
| N5-X | N2,AV5-0 | N6-X | N3,AAB-0 | NC-C | SG,CO1-1 | NC-D | SE,IT7-1 |
| N5-X | N2,AV5-1 | N6-X | N3,AAB-1 | NC-C | SG,IAD-1 | NC-D | SE,PT7-0 |
| N5-X | N2,AV6-1 | N6-X | N3,AV5-1 | NC-C | SG,IAD-3 | NC-D | SE,PT7-1 |
| N5-X | N2,AV6-2 | N6-X | N3,AV6-3 | NC-C | SG,IAD-5 | NC-D | SE,RT6-0 |
| N5-X | N2,AV6-5 | N6-X | N3,AV6-4 | NC-C | SG,IAD-7 | NC-D | SE,RT6-1 |
| N5-X | N2,NOU-1 | N6-X | N3,NUM-5 | NC-C | SG,IAV-1 | NC-D | SE,RT7-0 |
| N5-X | N2,NUM-0 | N6-X | N3,PT1-0 | NC-C | SG,IAV-3 | NC-D | SE,RT7-1 |
| N5-X | N2,PT1-0 | N6-X | N3,RI1-0 | NC-C | SG,IPN-2 | NC-D | SE,RT7-2 |
| N5-X | N2,RI1-0 | N6-X | N6,AAB-0 | NC-C | SG,IPN-3 | NC-D | SF,GT6-0 |
| N5-X | N5,AAB-0 | N6-X | N6,AAB-1 | NC-C | SG,IPO-1 | NC-D | SF,GT6-1 |
| N5-X | N5,AAB-1 | N6-X | N6,ADJ-0 | NC-C | SG,IPO-3 | NC-D | SF,GT6-3 |
| N5-X | N5,ADJ-0 | N6-X | N6,ADL-0 | NC-D | 1X,GT6-0 | NC-D | SF,GT7-0 |
| N5-X | N5,ADL-0 | N6-X | N6,ADL-1 | NC-D | 1X,GT6-1 | NC-D | SF,GT7-1 |
| N5-X | N5,ADL-1 | N6-X | N6,ADM-0 | NC-D | 1X,GT6-2 | NC-D | SF,GT7-3 |
| N5-X | N5,ADM-0 | N6-X | N6,ADO-0 | NC-D | 1X,GT6-3 | NC-D | SF,GT7-3 |
| N5-X | N5,ADO-0 | N6-X | N6,AV1-0 | NC-D | 1X,GT7-0 | NC-D | SG,GT6-0 |
| N5-X | N5,AV1-0 | N6-X | N6,AV6-0 | NC-D | 1X,GT7-1 | NC-D | SG,GT6-1 |
| N5-X | N5,AV5-0 | N6-X | N6,AV6-1 | NC-D | 1X,GT7-2 | NC-D | SG,GT6-2 |
| N5-X | N5,AV6-0 | N6-X | N6,CMA-0 | NC-D | 1X,GT7-3 | NC-D | SG,GT6-3 |
| N5-X | N5,AV6-1 | N6-X | N6,NOU-0 | NC-D | AP,PT7-0 | NC-D | SG,GT7-0 |
| N5-X | N5,CMA-0 | N6-X | N6,NUM-0 | NC-D | AP,PT7-1 | NC-D | SG,GT7-1 |
| N5-X | N5,NOU-1 | N6-X | N6,PT1-0 | NC-D | AP,RT6-0 | NC-D | SG,GT7-2 |
| N5-X | N5,NUM-0 | N6-X | N6,RI1-0 | NC-D | AP,RT6-1 | NC-D | SG,GT7-3 |
| N5-X | N5,PT1-0 | N6-X | N6,XCO-0 | NC-D | AP,RT7-0 | NC-D | SG,PT7-0 |
| N5-X | N5,RI1-0 | N8-A | AC,NOU-2 | NC-D | AP,RT7-1 | NC-D | SG,PT7-1 |
| N5-X | N5,XCO-0 | N8-X | N2,AV6-0 | NC-D | BV,IT6-0 | NC-D | SG,RT6-0 |
| N5-X | NQ,AAA-0 | N8-X | N2,NOU-0 | NC-D | BV,IT6-1 | NC-D | SG,RT6-1 |
| N5-X | NQ,AAB-0 | N8-X | N5,NOU-0 | NC-D | BV,IT7-0 | NC-D | SG,RT7-0 |
| N5-X | NQ,AV5-1 | N8-X | N8,GT1-0 | NC-D | BV,IT7-1 | NC-D | SG,RT7-1 |
| N5-X | NQ,AV5-2 | N8-X | N8,NOU-0 | NC-D | BW,IT7-0 | NC-D | VX,VT6-0 |
| N5-X | NQ,NOU-1 | N8-X | NQ,AV5-0 | NC-D | GR,GT6-0 | NC-D | VX,VT6-1 |
| N5-X | NQ,NUM-0 | N8-X | NQ,NOU-0 | NC-D | GR,GT6-1 | NC-D | VX,VT7-0 |
| N5-X | NQ,PT1-0 | N9-X | N3,NOU-5 | NC-D | GR,GT7-0 | NC-D | VX,VT7-1 |
| N5-X | NQ,RI1-0 | N9-X | N6,NOU-0 | NC-D | GR,GT7-1 | NC-D | WX,VT7-0 |
| N5-X | PA,RT3-1 | N9-X | N9,GT1-0 | NC-D | N2,GT6-0 | NC-D | WX,VT7-1 |
| N5-X | PF,HP3-1 | N9-X | N9,NOU-0 | NC-D | N2,GT6-1 | NC-E | BV,B12-2 |
| N5-X | PF,PT3-2 | NC-C | 1X,CO1-0 | NC-D | N2,GT7-0 | NC-E | BV,B12-3 |
| N5-X | PG,HP3-2 | NC-C | 1X,IAV-0 | NC-D | N2,GT7-1 | NC-E | PA,BR2-2 |
| N5-X | PG,HP3-4 | NC-C | 1X,IAV-2 | NC-D | PA,PT7-0 | NC-E | PF,BP2-2 |
| N5-X | PG,PT3-3 | NC-C | 1X,IPN-0 | NC-D | PA,PT7-1 | NC-E | VX,BE2-2 |
| N5-X | PG,PT3-6 | NC-C | 1X,IPN-1 | NC-D | PA,RT6-0 | NC-X | NC,AV1-0 |
| N6-A | CM,CO7-0 | NC-C | 1X,IPO-0 | NC-D | PA,RT6-1 | NC-X | NC,AV2-0 |
| N6-A | CN,CO7-0 | NC-C | 1X,IPO-1 | NC-D | PA,RT7-0 | NC-X | NC,AV3-0 |
| N6-A | DA,CO7-0 | NC-C | MX,IAV-1 | NC-D | PA,RT7-1 | NC-X | NC,AV3-1 |
| N6-A | IQ,IAD-0 | NC-C | MX,IAV-3 | NC-D | PB,RT7-0 | NC-X | NC,AV5-0 |
| N6-A | N3,NOU-6 | NC-C | MX,IPN-0 | NC-D | PF,PT6-0 | NC-X | NC,AV6-0 |
| N6-A | NC,IAD-2 | NC-C | MX,IPN-1 | NC-D | PF,PT6-1 | NC-X | NC,AV6-1 |
| N6-A | NE,IAD-2 | NC-C | MX,IPO-0 | NC-D | PF,PT7-0 | NC-X | NC,CMA-0 |
| N6-A | PO,CO7-0 | NC-C | MX,IPO-1 | NC-D | PF,PT7-1 | NC-X | NC,CMA-1 |
| N6-A | SE,CO7-2 | NC-C | SE,CO1-1 | NC-D | PG,PT7-0 | NC-X | NC,CMA-2 |
| N6-A | SE,IAD-1 | NC-C | SE,IAD-B | NC-D | SE,GT6-0 | NC-X | NC,CO1-0 |
| N6-A | SE,IAD-2 | NC-C | SE,IAD-D | NC-D | SE,GT6-1 | NC-X | NC,CPR-0 |
| N6-A | SE,IAD-3 | NC-C | SE,IAD-F | NC-D | SE,GT6-2 | NC-X | NC,IAD-0 |
| N6-A | SE,IAD-C | NC-C | SE,IAD-H | NC-D | SE,GT6-3 | NC-X | NC,IAD-1 |

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| NC-X | NC,IAD-2 | NQ-A | VX,VT4-0 | NQ-E | GR,GT3-0 | NQ-G | 33,PRE-0 |
| NC-X | NC,IAD-3 | NQ-A | VX,VT5-0 | NQ-E | GR,GT3-2 | NQ-G | 88,PRE-0 |
| NC-X | NC,IAV-1 | NQ-A | VX,VT5-0 | NQ-E | GR,GT4-0 | NQ-G | 88,PRE-0 |
| NC-X | NC,IAV-2 | NQ-A | VX,VT7-0 | NQ-E | GR,GT5-0 | NQ-G | AI,PRE-0 |
| NC-X | NC,IPN-0 | NQ-A | VX,VT7-1 | NQ-E | GR,GT5-0 | NQ-G | AR,PRE-0 |
| NC-X | NC,IPN-1 | NQ-A | WX,VT2-1 | NQ-E | GR,GT7-0 | NQ-G | BV,PRE-0 |
| NC-X | NC,IPO-0 | NQ-A | WX,VT2-2 | NQ-E | GR,GT7-1 | NQ-G | BV,PRE-0 |
| NC-X | NC,IPO-1 | NQ-A | WX,VT3-2 | NQ-E | N2,GT2-0 | NQ-G | BW,PRE-0 |
| NC-X | NC,PRE-0 | NQ-A | WX,VT3-4 | NQ-E | N2,GT3-0 | NQ-G | C3,PRE-0 |
| NC-X | NC,PRE-1 | NQ-A | WX,VT3-5 | NQ-E | N2,GT3-2 | NQ-G | C8,PRE-0 |
| NC-X | NC,PRE-2 | NQ-A | WX,VT3-7 | NQ-E | N2,GT4-0 | NQ-G | CM,PRE-0 |
| NC-X | NC,PRE-3 | NQ-A | WX,VT4-1 | NQ-E | N2,GT5-0 | NQ-G | CN,PRE-0 |
| NC-X | NE,IAD-0 | NQ-A | WX,VT5-1 | NQ-E | N2,GT5-0 | NQ-G | DA,PRE-0 |
| NC-X | NE,IAD-1 | NQ-A | WX,VT5-1 | NQ-E | N2,GT7-0 | NQ-G | DB,PRE-0 |
| NC-X | NE,IAD-2 | NQ-B | SE,IT2-0 | NQ-E | N2,GT7-1 | NQ-G | DP,AV3-1 |
| NC-X | NE,IAD-3 | NQ-B | SE,IT3-0 | NQ-E | SE,GT2-0 | NQ-G | DP,AV6-2 |
| NC-X | NE,IAV-1 | NQ-B | SE,IT3-2 | NQ-E | SE,GT2-1 | NQ-G | DP,PRE-0 |
| NC-X | NE,IAV-2 | NQ-B | SE,IT4-0 | NQ-E | SE,GT3-0 | NQ-G | DQ,PRE-1 |
| NC-X | NE,IPN-0 | NQ-B | SE,IT5-0 | NQ-E | SE,GT3-2 | NQ-G | EX,PRE-0 |
| NC-X | NE,IPN-1 | NQ-B | SE,IT7-0 | NQ-E | SE,GT3-3 | NQ-G | FX,PRE-0 |
| NC-X | NE,IPO-0 | NQ-B | SE,IT7-1 | NQ-E | SE,GT3-5 | NQ-G | HX,PRE-0 |
| NC-X | NE,IPO-1 | NQ-C | AP,RT2-0 | NQ-E | SE,GT4-0 | NQ-G | IF,PRE-0 |
| NC-X | NE,PRE-0 | NQ-C | AP,RT3-0 | NQ-E | SE,GT4-1 | NQ-G | IG,PRE-0 |
| ND-C | SF,TIT-4 | NQ-C | AP,RT3-2 | NQ-E | SE,GT5-0 | NQ-G | IX,PRE-0 |
| ND-D | BW,IT6-0 | NQ-C | AP,RT4-0 | NQ-E | SE,GT5-1 | NQ-G | MX,PRE-0 |
| ND-D | BW,IT7-2 | NQ-C | AP,RT5-0 | NQ-E | SE,GT7-0 | NQ-G | N2,PRE-0 |
| ND-D | PB,PT7-0 | NQ-C | AP,RT5-0 | NQ-E | SE,GT7-1 | NQ-G | N3,PRE-0 |
| ND-D | PB,RT6-0 | NQ-C | AP,RT7-0 | NQ-E | SE,GT7-2 | NQ-G | NC,PRE-1 |
| ND-D | PB,RT7-2 | NQ-C | AP,RT7-1 | NQ-E | SE,GT7-3 | NQ-G | ND,PRE-0 |
| ND-D | PG,PT6-0 | NQ-C | SE,RT2-0 | NQ-E | SF,GT2-0 | NQ-G | NE,PRE-1 |
| ND-D | PG,PT7-2 | NQ-C | SE,RT3-0 | NQ-E | SF,GT2-1 | NQ-G | PA,PRE-1 |
| ND-D | WX,VT6-0 | NQ-C | SE,RT3-1 | NQ-E | SF,GT3-0 | NQ-G | PB,PRE-0 |
| ND-D | WX,VT7-3 | NQ-C | SE,RT3-3 | NQ-E | SF,GT3-2 | NQ-G | PD,PRE-0 |
| ND-X | ND,AV1-0 | NQ-C | SE,RT4-0 | NQ-E | SF,GT3-3 | NQ-G | PF,PRE-0 |
| ND-X | ND,AV5-0 | NQ-C | SE,RT5-0 | NQ-E | SF,GT4-0 | NQ-G | PG,PRE-0 |
| ND-X | ND,AV8-0 | NQ-C | SE,RT7-0 | NQ-E | SF,GT4-1 | NQ-G | QU,PRE-0 |
| ND-X | ND,CMA-0 | NQ-C | SE,RT7-1 | NQ-E | SF,GT5-0 | NQ-G | SE,PRE-0 |
| ND-X | ND,CMA-1 | NQ-C | SE,RT7-2 | NQ-E | SF,GT5-1 | NQ-G | SE,PRE-3 |
| ND-X | ND,PRE-0 | NQ-C | SG,RT2-0 | NQ-E | SF,GT7-0 | NQ-G | SF,PRE-0 |
| NE-C | SE,TIT-2 | NQ-C | SG,RT3-0 | NQ-E | SF,GT7-1 | NQ-G | SG,PRE-0 |
| NE-C | SE,TIT-6 | NQ-C | SG,RT3-2 | NQ-E | SF,GT7-2 | NQ-G | SG,PRE-4 |
| NE-C | SG,TIT-2 | NQ-C | SG,RT4-Q | NQ-E | SF,GT7-3 | NQ-G | UX,PRE-0 |
| NE-C | SG,TIT-6 | NQ-C | SG,RT5-0 | NQ-E | SG,GT2-0 | NQ-G | VX,PRE-0 |
| NE-X | NE,AV1-0 | NQ-C | SG,RT7-0 | NQ-E | SG,GT2-1 | NQ-G | WX,PRE-0 |
| NE-X | NE,AV3-0 | NQ-C | SG,RT7-1 | NQ-E | SG,GT3-0 | NQ-G | XC,PRE-0 |
| NE-X | NE,AV3-1 | NQ-E | 1X,GT2-0 | NQ-E | SG,GT3-2 | NQ-G | XD,PRE-1 |
| NE-X | NE,AV5-0 | NQ-E | 1X,GT2-1 | NQ-E | SG,GT3-3 | NQ-X | BV,IT2-0 |
| NE-X | NE,AV6-0 | NQ-E | 1X,GT3-0 | NQ-E | SG,GT3-5 | NQ-X | BV,IT3-0 |
| NE-X | NE,AV6-1 | NQ-E | 1X,GT3-2 | NQ-E | SG,GT3-5 | NQ-X | BV,IT3-2 |
| NE-X | NE,AV8-0 | NQ-E | 1X,GT3-3 | NQ-E | SG,GT4-0 | NQ-X | BV,IT4-0 |
| NE-X | NE,CMA-0 | NQ-E | 1X,GT3-5 | NQ-E | SG,GT4-1 | NQ-X | BV,IT5-0 |
| NE-X | NE,CMA-1 | NQ-E | 1X,GT4-0 | NQ-E | SG,GT5-0 | NQ-X | BV,IT7-0 |
| NE-X | NE,CMA-2 | NQ-E | 1X,GT4-1 | NQ-E | SG,GT5-1 | NQ-X | BV,IT7-1 |
| NE-X | NE,CO1-0 | NQ-E | 1X,GT5-0 | NQ-E | SG,GT7-0 | NQ-X | BW,IT2-1 |
| NE-X | NE,CPR-0 | NQ-E | 1X,GT5-1 | NQ-E | SG,GT7-1 | NQ-X | BW,IT3-2 |
| NE-X | NE,PRE-1 | NQ-E | 1X,GT5-1 | NQ-E | SG,GT7-2 | NQ-X | BW,IT3-3 |
| NE-X | NE,PRE-2 | NQ-E | 1X,GT7-0 | NQ-E | SG,GT7-3 | NQ-X | BW,IT4-1 |
| NE-X | NE,PRE-3 | NQ-E | 1X,GT7-1 | NQ-G | 1X,PRE-0 | NQ-X | BW,IT5-1 |
| NQ-A | VX,VT2-0 | NQ-E | 1X,GT7-2 | NQ-G | 1X,PRE-0 | NQ-X | BW,IT7-2 |
| NQ-A | VX,VT3-0 | NQ-E | 1X,GT7-3 | NQ-G | 33,PRE-0 | NQ-X | BW,IT7-3 |
| NQ-A | VX,VT3-1 | NQ-E | GR,GT2-0 | | | | |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| NQ-X | BY,IT2-0 | NQ-X | PF,PT3-0 | PA-C | SE,ADN-3 | PA-C | SG,ADN-4 |
| NQ-X | CX,VT2-0 | NQ-X | PF,PT3-1 | PA-C | SE,ADN-4 | PA-C | SG,ADP-2 |
| NQ-X | N2,ADP-0 | NQ-X | PF,PT4-0 | PA-C | SE,ADP-2 | PA-C | SG,ADP-3 |
| NQ-X | N2,ADP-1 | NQ-X | PF,PT5-0 | PA-C | SE,ADP-3 | PA-C | SG,AV3-1 |
| NQ-X | N2,AV3-3 | NQ-X | PF,PT7-0 | PA-C | SE,AV3-1 | PA-C | SG,AV5-2 |
| NQ-X | N2,AV3-4 | NQ-X | PF,PT7-1 | PA-C | SE,AV5-2 | PA-C | SG,AV6-A |
| NQ-X | N2,NNN-0 | NQ-X | PG,HP3-1 | PA-C | SE,AV6-7 | PA-C | SG,AV6-8 |
| NQ-X | N2,NNN-3 | NQ-X | PG,HP3-3 | PA-C | SE,AV6-8 | PA-C | SG,AV6-9 |
| NQ-X | N2,NNN-3 | NQ-X | PG,HP4-1 | PA-C | SE,AV6-9 | PA-C | SG,AV8-2 |
| NQ-X | N2,PRO-0 | NQ-X | PG,HP5-1 | PA-C | SE,AV8-2 | PA-C | SG,BR1-0 |
| NQ-X | N2,PRO-2 | NQ-X | PG,HP5-1 | PA-C | SE,BR1-0 | PA-C | SG,BR2-1 |
| NQ-X | N2,PRO-2 | NQ-X | PG,PT1-1 | PA-C | SE,BR2-0 | PA-C | SG,BR2-2 |
| NQ-X | N5,MMM-0 | NQ-X | PG,PT2-1 | PA-C | SE,BR2-1 | PA-C | SG,BR3-0 |
| NQ-X | N5,MMM-3 | NQ-X | PG,PT2-2 | PA-C | SE,BR3-0 | PA-C | SG,BR3-0 |
| NQ-X | N5,MMM-3 | NQ-X | PG,PT3-2 | PA-C | SE,BR3-0 | PA-C | SG,HVP-0 |
| NQ-X | N5,MMM-4 | NQ-X | PG,PT3-4 | PA-C | SE,HVP-0 | PA-C | SG,HVP-1 |
| NQ-X | N8,MMM-0 | NQ-X | PG,PT3-5 | PA-C | SE,HVP-1 | PA-C | SG,NNN-6 |
| NQ-X | N8,MMM-3 | NQ-X | PG,PT3-7 | PA-C | SE,II1-1 | PA-C | SG,NNN-7 |
| NQ-X | N8,MMM-3 | NQ-X | PG,PT4-1 | PA-C | SE,NNN-6 | PA-C | SG,NNN-8 |
| NQ-X | NQ,ADN-0 | NQ-X | PG,PT5-1 | PA-C | SE,NNN-7 | PA-C | SG,NO4-1 |
| NQ-X | NQ,ADP-0 | NQ-X | PG,PT5-1 | PA-C | SE,NNN-8 | PA-C | SG,NOU-2 |
| NQ-X | NQ,ADP-1 | NQ-X | PG,PT7-2 | PA-C | SE,NO4-1 | PA-C | SG,NOU-3 |
| NQ-X | NQ,AV1-0 | NQ-X | PG,PT7-3 | PA-C | SE,NOU-2 | PA-C | SG,NUM-1 |
| NQ-X | NQ,AV3-0 | NQ-X | PI,PT2-0 | PA-C | SE,NOU-3 | PA-C | SG,PI1-0 |
| NQ-X | NQ,AV6-0 | NQ-X | RS,RT2-0 | PA-C | SE,NUM-1 | PA-C | SG,PI3-0 |
| NQ-X | NQ,AV6-1 | NQ-X | WX,VT7-3 | PA-C | SE,PI1-0 | PA-C | SG,PRN-5 |
| NQ-X | NQ,AV6-2 | NQ-X | WX,VT7-4 | PA-C | SE,PI3-0 | PA-C | SG,PRN-6 |
| NQ-X | NQ,AV6-3 | PA-A | 33,CO3-1 | PA-C | SE,PRN-5 | PA-C | SG,PRN-7 |
| NQ-X | NQ,AV8-0 | PA-A | 88,CO8-1 | PA-C | SE,PRN-6 | PA-C | SG,PT1-2 |
| NQ-X | NQ,CMA-0 | PA-A | CM,CIF-4 | PA-C | SE,PRN-7 | PA-C | SG,PT1-3 |
| NQ-X | NQ,CMA-1 | PA-A | CM,CO2-4 | PA-C | SE,PT1-2 | PA-C | SG,PT2-0 |
| NQ-X | NQ,NNN-0 | PA-A | CM,CO2-4 | PA-C | SE,PT1-3 | PA-C | SG,PT3-0 |
| NQ-X | NQ,NNN-3 | PA-A | CN,CIF-4 | PA-C | SE,PT2-0 | PA-C | SG,PT3-1 |
| NQ-X | NQ,NNN-3 | PA-A | CN,CO2-4 | PA-C | SE,PT3-0 | PA-C | SG,PT4-0 |
| NQ-X | NQ,PRO-0 | PA-A | DA,CIF-5 | PA-C | SE,PT3-1 | PA-C | SG,PT5-0 |
| NQ-X | NQ,PRO-2 | PA-A | DA,CO2-5 | PA-C | SE,PT5-0 | PA-C | SG,PT7-0 |
| NQ-X | NQ,PRO-2 | PA-A | DA,CO4-1 | PA-C | SE,PT7-0 | PA-C | SG,PT7-1 |
| NQ-X | PA,RT2-0 | PA-A | DA,CO4-4 | PA-C | SE,PT7-1 | PA-C | SG,RI1-1 |
| NQ-X | PA,RT3-0 | PA-A | PD,CIF-1 | PA-C | SE,RI1-1 | PA-C | SG,RI1-2 |
| NQ-X | PA,RT3-2 | PA-A | PD,CO2-1 | PA-C | SE,RI1-2 | PA-C | SG,RI2-0 |
| NQ-X | PA,RT4-0 | PA-A | PD,CO4-2 | PA-C | SE,RI2-0 | PA-C | SG,RI2-1 |
| NQ-X | PA,RT5-0 | PA-A | QU,CIF-3 | PA-C | SE,RI2-1 | PA-C | SG,RI3-0 |
| NQ-X | PA,RT5-0 | PA-A | QU,CO2-3 | PA-C | SE,RI3-0 | PA-C | SG,RT1-0 |
| NQ-X | PA,RT7-0 | PA-A | QU,CO4-2 | PA-C | SE,RT1-0 | PA-C | SG,RT2-0 |
| NQ-X | PA,RT7-1 | PA-A | SE,BE3-0 | PA-C | SE,RT2-0 | PA-C | SG,RT3-0 |
| NQ-X | PB,RT2-1 | PA-A | SE,CIF-2 | PA-C | SE,RT3-1 | PA-C | SG,RT3-1 |
| NQ-X | PB,RT2-2 | PA-A | SE,CO2-3 | PA-C | SE,RT3-2 | PA-C | SG,RT3-2 |
| NQ-X | PB,RT3-2 | PA-A | SE,CO4-1 | PA-C | SE,RT3-3 | PA-C | SG,RT4-0 |
| NQ-X | PB,RT3-3 | PA-A | SE,IAV-2 | PA-C | SE,RT4-0 | PA-C | SG,RT5-0 |
| NQ-X | PB,RT3-4 | PA-A | SG,CIF-2 | PA-C | SE,RT5-0 | PA-C | SG,RT6-0 |
| NQ-X | PB,RT3-5 | PA-A | SG,CO2-3 | PA-C | SE,RT6-0 | PA-C | SG,RT6-1 |
| NQ-X | PB,RT4-1 | PA-A | SG,CO4-1 | PA-C | SE,RT6-1 | PA-C | SG,RT7-0 |
| NQ-X | PB,RT5-1 | PA-A | VX,BE3-0 | PA-C | SE,RT7-1 | PA-C | SG,RT7-1 |
| NQ-X | PB,RT5-1 | PA-C | AC,CO3-0 | PA-C | SE,RT7-2 | PA-C | SG,TIT-4 |
| NQ-X | PB,RT7-2 | PA-C | AP,BR3-0 | PA-C | SE,TIT-4 | PA-C | SG,TIT-5 |
| NQ-X | PB,RT7-3 | PA-C | BV,II1-1 | PA-C | SE,TIT-5 | PA-C | SG,TIT-6 |
| NQ-X | PF,HP3-0 | PA-C | PA,RI1-1 | PA-C | SE,TIT-6 | PA-C | SG,TIT-7 |
| NQ-X | PF,HP4-0 | PA-C | PD,CMA-2 | PA-C | SE,TIT-7 | PA-C | VX,VI1-1 |
| NQ-X | PF,HP5-0 | PA-C | PF,PI1-1 | PA-C | SG,AAA-1 | PA-E | 1X,BG3-0 |
| NQ-X | PF,HP5-0 | PA-C | SE,AAA-1 | PA-C | SG,ADN-3 | PA-E | 1X,BG3-1 |
| NQ-X | PF,PT2-0 | | | | | PA-E | GR,BG3-0 |

| PREDICTION, | SOURCE | | SUBRULE | | | | |
|---|---|---|---|---|---|---|---|
| PA-E | N2,BG3-0 | PA-X | PA,RT3-1 | PB-X | PB,RT3-0 | PD- | PD,PRE-2 |
| PA-E | SE,BG3-0 | PA-X | PA,RT3-2 | PB-X | PB,RT3-1 | PD- | PD,TOI-0 |
| PA-E | SE,BG3-1 | PA-X | PA,RT4-0 | PB-X | PB,RT3-2 | PD- | QU,NAD-0 |
| PA-E | SF,BG3-0 | PA-X | PA,RT5-0 | PB-X | PB,RT3-3 | PD- | QU,NUM-0 |
| PA-E | SF,BG3-1 | PA-X | PA,RT6-0 | PB-X | PB,RT3-4 | PD- | SE,AAA-0 |
| PA-E | SG,BG3-0 | PA-X | PA,RT6-1 | PB-X | PB,RT3-5 | PD- | SE,AAB-0 |
| PA-E | SG,BG3-1 | PA-X | PA,RT7-0 | PB-X | PB,RT4-0 | PD- | SE,AAB-1 |
| PA-P | VX,VT5-0 | PA-X | PA,RT7-1 | PB-X | PB,RT4-1 | PD- | SE,ADJ-1 |
| PA-P | WX,VT5-0 | PA-X | PF,BP3-0 | PB-X | PB,RT5-0 | PD- | SE,ADN-0 |
| PA-Q | SE,IT5-0 | PA-Z | BV,IT5-0 | PB-X | PB,RT5-1 | PD- | SE,ADN-1 |
| PA-R | AP,PT5-0 | PA-Z | BW,IT5-0 | PB-X | PB,RT6-0 | PD- | SE,ADN-2 |
| PA-R | AP,RT5-0 | PA-Z | PA,RT5-0 | PB-X | PB,RT6-1 | PD- | SE,ADP-0 |
| PA-R | PA,PT5-0 | PA-Z | PB,RT5-0 | PB-X | PG,BP3-0 | PD- | SE,ADP-1 |
| PA-R | SE,PT5-0 | PA-Z | PF,HP5-0 | PB-Z | BW,IT5-1 | PD- | SE,AV2-1 |
| PA-R | SE,RT5-0 | PA-Z | PF,PT5-0 | PB-Z | PB,RT5-1 | PD- | SE,AV3-0 |
| PA-R | SG,PT5-0 | PA-Z | PG,HP5-0 | PB-Z | PG,HP5-1 | PD- | SE,AV3-4 |
| PA-R | SG,RT5-0 | PA-Z | PG,PT5-0 | PB-Z | PG,PT5-1 | PD- | SE,AV4-0 |
| PA-T | 1X,GT5-0 | PB-A | SE,IAD-8 | PD- | PD,AAA-0 | PD- | SE,AV5-1 |
| PA-T | 1X,GT5-1 | PB-A | SE,IPO-2 | PD- | PD,AAB-0 | PD- | SE,AV6-0 |
| PA-T | GR,GT5-0 | PB-A | WX,BE3-0 | PD- | PD,AV1-0 | PD- | SE,AV6-1 |
| PA-T | N2,GT5-0 | PB-P | WX,VT5-1 | PD- | PD,AV2-0 | PD- | SE,AV6-2 |
| PA-T | SE,GT5-0 | PB-R | PB,PT5-0 | PD- | PD,AV3-0 | PD- | SE,AV8-0 |
| PA-T | SE,GT5-1 | PB-X | BW,BI3-0 | PD- | PD,AV3-1 | PD- | SE,BG1-0 |
| PA-T | SF,GT5-0 | PB-X | PB,AV1-0 | PD- | PD,AV5-0 | PD- | SE,BG1-1 |
| PA-T | SF,GT5-1 | PB-X | PB,AV5-0 | PD- | PD,AV6-0 | PD- | SE,BG2-0 |
| PA-T | SG,GT5-0 | PB-X | PB,AV8-0 | PD- | PD,AV6-1 | PD- | SE,BG2-2 |
| PA-T | SG,GT5-1 | PB-X | PB,BR2-0 | PD- | PD,AV6-2 | PD- | SE,BG2-3 |
| PA-X | BV,BI3-0 | PB-X | PB,BR2-1 | PD- | PD,AV8-0 | PD- | SE,BG3-0 |
| PA-X | PA,AV3-0 | PB-X | PB,BR3-0 | PD- | PD,CCO-0 | PD- | SE,BG3-1 |
| PA-X | PA,AV5-0 | PB-X | PB,CMA-0 | PD- | PD,CCO-1 | PD- | SE,BI1-0 |
| PA-X | PA,AV6-0 | PB-X | PB,CMA-1 | PD- | PD,CIF-0 | PD- | SE,BI2-0 |
| PA-X | PA,AV6-1 | PB-X | PB,PRE-0 | PD- | PD,CIF-1 | PD- | SE,BI2-1 |
| PA-X | PA,AV6-2 | PB-X | PB,PRE-1 | PD- | PD,CIF-2 | PD- | SE,CO1-0 |
| PA-X | PA,AV8-0 | PB-X | PB,PRE-2 | PD- | PD,CIF-3 | PD- | SE,CO1-1 |
| PA-X | PA,BR1-0 | PB-X | PB,PT1-0 | PD- | PD,CIF-4 | PD- | SE,DOI-0 |
| PA-X | PA,BR2-0 | PB-X | PB,PT1-1 | PD- | PD,CIF-5 | PD- | SE,GI1-0 |
| PA-X | PA,BR2-1 | PB-X | PB,PT2-0 | PD- | PD,CMA-0 | PD- | SE,GI1-1 |
| PA-X | PA,BR3-0 | PB-X | PB,PT2-1 | PD- | PD,CMA-1 | PD- | SE,GI2-0 |
| PA-X | PA,BR3-0 | PB-X | PB,PT2-2 | PD- | PD,CMA-2 | PD- | SE,GI2-1 |
| PA-X | PA,CMA-0 | PB-X | PB,PT3-0 | PD- | PD,CO2-0 | PD- | SE,GI2-2 |
| PA-X | PA,CMA-1 | PB-X | PB,PT3-1 | PD- | PD,CO2-1 | PD- | SE,GI2-3 |
| PA-X | PA,HVP-0 | PB-X | PB,PT3-2 | PD- | PD,CO2-2 | PD- | SE,GI3-0 |
| PA-X | PA,HVP-1 | PB-X | PB,PT3-3 | PD- | PD,CO2-3 | PD- | SE,GI3-1 |
| PA-X | PA,PI1-0 | PB-X | PB,PT3-4 | PD- | PD,CO2-4 | PD- | SE,GT1-0 |
| PA-X | PA,PI3-0 | PB-X | PB,PT4-0 | PD- | PD,CO2-5 | PD- | SE,GT1-1 |
| PA-X | PA,PRE-0 | PB-X | PB,PT5-0 | PD- | PD,CO2-6 | PD- | SE,GT1-2 |
| PA-X | PA,PRE-1 | PB-X | PB,RI1-0 | PD- | PD,CO3-0 | PD- | SE,GT2-0 |
| PA-X | PA,PRE-2 | PB-X | PB,RI1-1 | PD- | PD,CO4-0 | PD- | SE,GT2-1 |
| PA-X | PA,PT1-0 | PB-X | PB,RI2-0 | PD- | PD,CO4-1 | PD- | SE,GT3-0 |
| PA-X | PA,PT2-0 | PB-X | PB,RI2-1 | PD- | PD,CO4-2 | PD- | SE,GT3-1 |
| PA-X | PA,PT3-0 | PB-X | PB,RI2-2 | PD- | PD,CO5-0 | PD- | SE,GT3-2 |
| PA-X | PA,PT3-1 | PB-X | PB,RI2-3 | PD- | PD,CO5-1 | PD- | SE,GT3-3 |
| PA-X | PA,PT4-0 | PB-X | PB,RI3-0 | PD- | PD,CO6-0 | PD- | SE,GT3-4 |
| PA-X | PA,PT5-0 | PB-X | PB,RI3-1 | PD- | PD,CO7-0 | PD- | SE,GT3-5 |
| PA-X | PA,RI1-0 | PB-X | PB,RT1-0 | PD- | PD,CO7-1 | PD- | SE,GT4-0 |
| PA-X | PA,RI2-0 | PB-X | PB,RT1-1 | PD- | PD,CO7-2 | PD- | SE,GT4-1 |
| PA-X | PA,RI2-1 | PB-X | PB,RT1-2 | PD- | PD,CPR-0 | PD- | SE,GT5-0 |
| PA-X | PA,RI3-0 | PB-X | PB,RT1-3 | PD- | PD,NAD-0 | PD- | SE,GT5-1 |
| PA-X | PA,RT1-0 | PB-X | PB,RT2-0 | PD- | PD,NUM-0 | PD- | SE,GT6-0 |
| PA-X | PA,RT2-0 | PB-X | PB,RT2-1 | PD- | PD,PRE-0 | PD- | SE,GT6-1 |
| PA-X | PA,RT3-0 | PB-X | PB,RT2-2 | PD- | PD,PRE-1 | | |

| PREDICTION | SOURCE SUBRULE | PREDICTION | SOURCE SUBRULE | PREDICTION | SOURCE SUBRULE | PREDICTION | SOURCE SUBRULE |
|---|---|---|---|---|---|---|---|
| PD- | SE,6T6-2 | PD- | SE,PRN-1 | PG-A | SE,IAD-7 | PH-X | BX,HVI-0 |
| PD- | SE,6T6-3 | PD- | SE,PRN-2 | PG-A | SE,IPO-1 | PH-X | PH,AV1-0 |
| PD- | SE,6T7-0 | PD- | SE,PRN-3 | PG-A | WX,HAV-0 | PH-X | PH,AV5-0 |
| PD- | SE,6T7-1 | PD- | SE,PRN-4 | PG-X | BW,HVI-0 | PH-X | PH,AV8-0 |
| PD- | SE,6T7-2 | PD- | SE,PT1-0 | PG-X | PG,AV1-0 | PH-X | PH,BP1-0 |
| PD- | SE,6T7-3 | PD- | SE,PT1-1 | PG-X | PG,AV5-0 | PH-X | PH,BP3-0 |
| PD- | SE,HVG-0 | PD- | SE,RI1-0 | PG-X | PG,AV8-0 | PH-X | PH,CMA-0 |
| PD- | SE,HVG-1 | PD- | SE,TIT-0 | PG-X | PG,BP1-0 | PH-X | PH,CMA-1 |
| PD- | SE,IAD-A | PD- | SE,TIT-1 | PG-X | PG,BP2-0 | PH-X | PH,PI1-0 |
| PD- | SE,IAD-B | PD- | SE,TIT-2 | PG-X | PG,BP2-1 | PI-A | CX,HAV-0 |
| PD- | SE,IAD-C | PD- | SE,TIT-3 | PG-X | PG,BP3-0 | PI-A | SE,IAD-3 |
| PD- | SE,IAD-D | PD- | SE,TOI-0 | PG-X | PG,CMA-0 | PI-A | SE,IPN-3 |
| PD- | SE,IAD-E | PD- | SE,TOI-1 | PG-X | PG,CMA-1 | PI-X | BY,HVI-0 |
| PD- | SE,IAD-F | PF-A | SE,IAV-1 | PG-X | PG,HP1-0 | PI-X | PI,AV1-0 |
| PD- | SE,IAD-G | PF-A | VX,HAV-0 | PG-X | PG,HP3-0 | PI-X | PI,AV5-0 |
| PD- | SE,IAD-H | PF-B | SE,HAV-1 | PG-X | PG,HP3-1 | PI-X | PI,AV8-0 |
| PD- | SE,IAV-4 | PF-C | SE,HVP-0 | PG-X | PG,HP3-2 | PI-X | PI,BP2-0 |
| PD- | SE,IAV-5 | PF-C | SG,HVP-0 | PG-X | PG,HP3-3 | PI-X | PI,CMA-0 |
| PD- | SE,IAV-6 | PF-E | 1X,HVG-0 | PG-X | PG,HP3-4 | PI-X | PI,CMA-1 |
| PD- | SE,IAV-7 | PF-E | 1X,HVG-2 | PG-X | PG,HP4-0 | PI-X | PI,PI2-0 |
| PD- | SE,II1-0 | PF-E | GR,HVG-0 | PG-X | PG,HP4-1 | PJ-X | SE,IAV-8 |
| PD- | SE,II1-1 | PF-E | N2,HVG-0 | PG-X | PG,HP5-0 | PJ-X | PJ,AV1-0 |
| PD- | SE,II2-0 | PF-X | BV,HVI-0 | PG-X | PG,HP5-1 | PJ-X | PJ,AV5-0 |
| PD- | SE,II2-1 | PF-X | PA,HVP-0 | PG-X | PG,PI1-0 | Q1-A | TX,HAV-0 |
| PD- | SE,II3-0 | PF-X | PF,AV1-0 | PG-X | PG,PI1-1 | Q1-X | PF,PT1-1 |
| PD- | SE,IPN-6 | PF-X | PF,AV3-0 | PG-X | PG,PI2-0 | Q1-X | Q1,AV1-0 |
| PD- | SE,IPN-7 | PF-X | PF,AV3-1 | PG-X | PG,PI2-1 | Q1-X | Q1,AV5-0 |
| PD- | SE,IPN-8 | PF-X | PF,AV5-0 | PG-X | PG,PI2-2 | Q1-X | Q1,CMA-0 |
| PD- | SE,IPN-9 | PF-X | PF,AV6-0 | PG-X | PG,PI2-3 | Q1-X | Q1,CMA-1 |
| PD- | SE,IPO-A | PF-X | PF,AV6-1 | PG-X | PG,PI3-0 | Q1-X | Q1,PI1-1 |
| PD- | SE,IPO-7 | PF-X | PF,AV6-2 | PG-X | PG,PI3-1 | Q1-X | Q1,PI3-1 |
| PD- | SE,IPO-8 | PF-X | PF,AV8-0 | PG-X | PG,PRE-0 | Q1-X | Q1,PT1-1 |
| PD- | SE,IPO-9 | PF-X | PF,BP1-0 | PG-X | PG,PRE-1 | QU- | QU,AAA-0 |
| PD- | SE,IT1-0 | PF-X | PF,BP2-0 | PG-X | PG,PRE-2 | QU- | QU,AAB-0 |
| PD- | SE,IT1-1 | PF-X | PF,BP2-1 | PG-X | PG,PT1-0 | QU- | QU,AV1-0 |
| PD- | SE,IT2-0 | PF-X | PF,BP3-0 | PG-X | PG,PT1-1 | QU- | QU,AV2-0 |
| PD- | SE,IT3-0 | PF-X | PF,CMA-0 | PG-X | PG,PT1-2 | QU- | QU,AV3-0 |
| PD- | SE,IT3-1 | PF-X | PF,CMA-1 | PG-X | PG,PT1-3 | QU- | QU,AV3-1 |
| PD- | SE,IT3-2 | PF-X | PF,HP1-0 | PG-X | PG,PT2-0 | QU- | QU,AV5-0 |
| PD- | SE,IT4-0 | PF-X | PF,HP3-0 | PG-X | PG,PT2-1 | QU- | QU,AV6-0 |
| PD- | SE,IT5-0 | PF-X | PF,HP3-1 | PG-X | PG,PT2-2 | QU- | QU,AV6-1 |
| PD- | SE,IT6-0 | PF-X | PF,HP4-0 | PG-X | PG,PT3-0 | QU- | QU,AV6-2 |
| PD- | SE,IT6-1 | PF-X | PF,HP5-0 | PG-X | PG,PT3-1 | QU- | QU,AV6-3 |
| PD- | SE,IT7-0 | PF-X | PF,PI1-0 | PG-X | PG,PT3-2 | QU- | QU,AV8-0 |
| PD- | SE,IT7-1 | PF-X | PF,PI2-0 | PG-X | PG,PT3-3 | QU- | QU,CCO-0 |
| PD- | SE,NNN-0 | PF-X | PF,PI2-1 | PG-X | PG,PT3-4 | QU- | QU,CCO-1 |
| PD- | SE,NNN-1 | PF-X | PF,PI3-0 | PG-X | PG,PT3-5 | QU- | QU,CIF-0 |
| PD- | SE,NNN-2 | PF-X | PF,PRE-0 | PG-X | PG,PT3-6 | QU- | QU,CIF-1 |
| PD- | SE,NNN-3 | PF-X | PF,PRE-1 | PG-X | PG,PT3-7 | QU- | QU,CIF-2 |
| PD- | SE,NNN-4 | PF-X | PF,PRE-2 | PG-X | PG,PT4-0 | QU- | QU,CIF-3 |
| PD- | SE,NNN-5 | PF-X | PF,PT1-0 | PG-X | PG,PT4-1 | QU- | QU,CIF-4 |
| PD- | SE,NO4-0 | PF-X | PF,PT2-0 | PG-X | PG,PT5-0 | QU- | QU,CIF-5 |
| PD- | SE,NOU-0 | PF-X | PF,PT3-0 | PG-X | PG,PT5-1 | QU- | QU,CMA-0 |
| PD- | SE,NOU-1 | PF-X | PF,PT3-1 | PG-X | PG,PT6-0 | QU- | QU,CMA-1 |
| PD- | SE,NUM-0 | PF-X | PF,PT3-2 | PG-X | PG,PT6-1 | QU- | QU,CO2-0 |
| PD- | SE,PI1-1 | PF-X | PF,PT4-0 | PG-X | PG,PT7-0 | QU- | QU,CO2-1 |
| PD- | SE,PI3-1 | PF-X | PF,PT5-0 | PG-X | PG,PT7-1 | QU- | QU,CO2-2 |
| PD- | SE,PRE-3 | PF-X | PF,PT6-0 | PG-X | PG,PT7-2 | QU- | QU,CO2-3 |
| PD- | SE,PRE-4 | PF-X | PF,PT6-1 | PG-X | PG,PT7-3 | QU- | QU,CO2-4 |
| PD- | SE,PRE-5 | PF-X | PF,PT7-0 | PH-A | IX,HAV-0 | QU- | QU,CO2-5 |
| PD- | SE,PRN-0 | PF-X | PF,PT7-1 | PH-B | SE,HAV-1 | QU- | QU,CO3-0 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| QU- | QU,CO4-0 | RR-X | BX,BI3-0 | SE- | SE,CMA-0 | SE- | SE,RT7-0 |
| QU- | QU,CO4-1 | RR-X | IX,BE3-0 | SE- | SE,CO2-0 | SE- | SE,RT7-1 |
| QU- | QU,CO4-2 | RR-X | PH,BP3-0 | SE- | SE,CO2-1 | SE- | SE,RT7-2 |
| QU- | QU,CPR-0 | RR-X | RR,AV1-0 | SE- | SE,CO2-2 | SE- | SE,TIT-4 |
| QU- | QU,PRE-0 | RR-X | RR,AV5-0 | SE- | SE,CO2-3 | SE- | SE,TIT-5 |
| QU- | QU,PRE-1 | RR-X | RR,AV8-0 | SE- | SE,CO2-4 | SE- | SE,TIT-6 |
| QU- | QU,PRE-2 | RR-X | RR,CMA-0 | SE- | SE,CO2-5 | SE- | SE,TIT-7 |
| QU- | QU,TOI-0 | RR-X | RR,PI1-0 | SE- | SE,CO3-0 | SE- | SE,TOI-2 |
| QU- | SE,AUX-0 | RR-X | RR,PI3-0 | SE- | SE,CO4-0 | SE- | SE,YCO-0 |
| QU- | SE,AUX-1 | RR-X | RR,PT1-0 | SE- | SE,CO4-1 | SF-C | 1X,IPO-0 |
| QU- | SE,BE1-0 | RR-X | RR,RI1-0 | SE- | SE,CO4-2 | SF-C | MX,IPO-0 |
| QU- | SE,BE1-1 | RS-A | SE,IAD-5 | SE- | SE,CO5-0 | SF-C | SE,IPO-7 |
| QU- | SE,BE2-0 | RS-A | SE,IPN-5 | SE- | SE,CO5-1 | SF-C | SE,IPO-8 |
| QU- | SE,BE2-1 | RS-X | RS,AV1-0 | SE- | SE,CO6-0 | SF-C | SG,IPO-0 |
| QU- | SE,BE3-0 | RS-X | RS,AV5-0 | SE- | SE,CO7-0 | SF-C | SG,IPO-1 |
| QU- | SE,BE3-1 | RS-X | RS,AV8-0 | SE- | SE,CO7-1 | SF-D | BW,IT6-1 |
| QU- | SE,HAV-0 | RS-X | RS,CMA-0 | SE- | SE,CO7-2 | SF-D | BW,IT7-3 |
| QU- | SE,HAV-1 | RS-X | RS,CMA-1 | SE- | SE,CPR-0 | SF-D | N2,RL4-0 |
| QU- | SE,IAD-0 | SE- | PD,CMA-3 | SE- | SE,HVP-0 | SF-D | PB,PT7-1 |
| QU- | SE,IAD-1 | SE- | PD,CMA-4 | SE- | SE,HVP-1 | SF-D | PB,RT6-1 |
| QU- | SE,IAD-2 | SE- | PD,XCO-0 | SE- | SE,NAD-0 | SF-D | PB,RT7-3 |
| QU- | SE,IAD-3 | SE- | QU,CMA-2 | SE- | SE,NNN-6 | SF-D | PG,PT6-1 |
| QU- | SE,IAD-4 | SE- | QU,XCO-0 | SE- | SE,NNN-7 | SF-D | PG,PT7-3 |
| QU- | SE,IAD-5 | SE- | SE,AAA-1 | SE- | SE,NNN-8 | SF-D | WX,VT7-4 |
| QU- | SE,IAD-6 | SE- | SE,AAA-2 | SE- | SE,NO4-1 | SF-F | AC,AAA-2 |
| QU- | SE,IAD-7 | SE- | SE,ADJ-0 | SE- | SE,NOU-2 | SF-F | AC,NO4-2 |
| QU- | SE,IAD-8 | SE- | SE,ADK-0 | SE- | SE,NOU-3 | SF-F | AC,NOU-2 |
| QU- | SE,IAD-9 | SE- | SE,ADK-1 | SE- | SE,NUM-1 | SF-F | AC,NUM-2 |
| QU- | SE,IAV-0 | SE- | SE,ADN-3 | SE- | SE,NUM-2 | SF-F | AC,RL2-0 |
| QU- | SE,IAV-1 | SE- | SE,ADN-4 | SE- | SE,PI1-0 | SF-F | AC,RL5-1 |
| QU- | SE,IAV-2 | SE- | SE,ADP-2 | SE- | SE,PI3-0 | SF-G | SE,CO6-0 |
| QU- | SE,IAV-3 | SE- | SE,ADP-3 | SE- | SE,PRE-0 | SF-G | SE,CO7-0 |
| QU- | SE,IAV-8 | SE- | SE,AV1-0 | SE- | SE,PRE-1 | SF-G | SG,CO6-0 |
| QU- | SE,IPN-0 | SE- | SE,AV2-0 | SE- | SE,PRE-2 | SF-G | SG,CO7-0 |
| QU- | SE,IPN-1 | SE- | SE,AV3-1 | SE- | SE,PRN-5 | SF-X | NC,IAD-0 |
| QU- | SE,IPN-2 | SE- | SE,AV3-2 | SE- | SE,PRN-6 | SF-X | NC,IPO-0 |
| QU- | SE,IPN-3 | SE- | SE,AV3-3 | SE- | SE,PRN-7 | SF-X | NO,CO1-0 |
| QU- | SE,IPN-4 | SE- | SE,AV4-1 | SE- | SE,PT1-2 | SF-X | NO,IAV-0 |
| QU- | SE,IPN-5 | SE- | SE,AV5-0 | SE- | SE,PT1-3 | SF-X | NE,IAD-0 |
| QU- | SE,IPO-0 | SE- | SE,AV5-2 | SE- | SE,PT2-0 | SF-X | NE,IPO-0 |
| QU- | SE,IPO-1 | SE- | SE,AV6-3 | SE- | SE,PT3-0 | SF-X | SF,AAA-0 |
| QU- | SE,IPO-2 | SE- | SE,AV6-4 | SE- | SE,PT3-1 | SF-X | SF,AAA-1 |
| QU- | SE,IPO-3 | SE- | SE,AV6-5 | SE- | SE,PT4-0 | SF-X | SF,AAB-0 |
| QU- | SE,IPO-4 | SE- | SE,AV6-6 | SE- | SE,PT5-0 | SF-X | SF,ADN-0 |
| QU- | SE,IPO-5 | SE- | SE,AV6-7 | SE- | SE,PT7-0 | SF-X | SF,ADP-0 |
| QU- | SE,IPO-6 | SE- | SE,AV6-8 | SE- | SE,PT7-1 | SF-X | SF,ADP-1 |
| R1-N | AP,RT1-1 | SE- | SE,AV6-9 | SE- | SE,RI1-1 | SF-X | SF,AV1-0 |
| R1-X | B1,BI3-0 | SE- | SE,AV8-1 | SE- | SE,RI1-2 | SF-X | SF,AV2-0 |
| R1-X | PA,RT1-1 | SE- | SE,AV8-2 | SE- | SE,RI2-0 | SF-X | SF,AV3-0 |
| R1-X | Q1,BP3-0 | SE- | SE,AV8-3 | SE- | SE,RI2-1 | SF-X | SF,AV3-1 |
| R1-X | R1,AV1-0 | SE- | SE,BR1-0 | SE- | SE,RI3-0 | SF-X | SF,AV3-2 |
| R1-X | R1,AV5-0 | SE- | SE,BR2-0 | SE- | SE,RT1-0 | SF-X | SF,AV5-0 |
| R1-X | R1,CMA-0 | SE- | SE,BR2-1 | SE- | SE,RT2-0 | SF-X | SF,AV5-1 |
| R1-X | R1,CMA-1 | SE- | SE,BR3-0 | SE- | SE,RT3-0 | SF-X | SF,AV6-0 |
| R1-X | R1,PT1-1 | SE- | SE,CCO-0 | SE- | SE,RT3-1 | SF-X | SF,AV6-1 |
| R1-X | R1,RI1-1 | SE- | SE,CCO-1 | SE- | SE,RT3-2 | SF-X | SF,AV6-2 |
| R1-X | R1,RI3-1 | SE- | SE,CIF-0 | SE- | SE,RT3-3 | SF-X | SF,AV6-3 |
| R1-X | R1,RT1-1 | SE- | SE,CIF-1 | SE- | SE,RT4-0 | SF-X | SF,AV8-0 |
| R1-X | R1,RT1-1 | SE- | SE,CIF-2 | SE- | SE,RT5-0 | SF-X | SF,AV8-1 |
| RR-C | SE,AV4-1 | SE- | SE,CIF-3 | SE- | SE,RT6-0 | SF-X | SF,BG1-0 |
| RR-C | SG,AV4-1 | SE- | SE,CIF-4 | SE- | SE,RT6-1 | SF-X | SF,BG1-1 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| SF-X | SF,BG2-0 | SG-C | SE,TIT-3 | SG-G | SE,CO2-5 | SG-X | SG,BG3-1 |
| SF-X | SF,BG2-1 | SG-C | SE,TIT-7 | SG-G | SE,CO4-0 | SG-X | SG,BR1-0 |
| SF-X | SF,BG2-2 | SG-C | SG,CO1-0 | SG-G | SG,CCO-0 | SG-X | SG,BR2-0 |
| SF-X | SF,BG2-3 | SG-C | SG,CO1-1 | SG-G | SG,CO2-5 | SG-X | SG,BR2-1 |
| SF-X | SF,BG3-0 | SG-C | SG,TIT-3 | SG-G | SG,CO4-0 | SG-X | SG,BR2-2 |
| SF-X | SF,BG3-1 | SG-C | SG,TIT-7 | SG-X | NC,CO1-0 | SG-X | SG,BR3-0 |
| SF-X | SF,CMA-0 | SG-D | 1X,GT6-1 | SG-X | NC,IAV-0 | SG-X | SG,CCO-0 |
| SF-X | SF,GI1-0 | SG-D | 1X,GT6-3 | SG-X | NC,IAV-1 | SG-X | SG,CCO-1 |
| SF-X | SF,GI1-1 | SG-D | 1X,GT7-1 | SG-X | NC,PRE-0 | SG-X | SG,CIF-0 |
| SF-X | SF,GI2-0 | SG-D | 1X,GT7-3 | SG-X | NE,IAV-0 | SG-X | SG,CIF-1 |
| SF-X | SF,GI2-1 | SG-D | AP,PT7-1 | SG-X | NE,IAV-1 | SG-X | SG,CIF-2 |
| SF-X | SF,GI2-2 | SG-D | AP,RT6-1 | SG-X | NE,PRE-0 | SG-X | SG,CIF-3 |
| SF-X | SF,GI2-3 | SG-D | AP,RT7-1 | SG-X | SG,AAA-0 | SG-X | SG,CIF-4 |
| SF-X | SF,GI3-0 | SG-D | BV,IT6-1 | SG-X | SG,AAA-1 | SG-X | SG,CMA-0 |
| SF-X | SF,GI3-1 | SG-D | BV,IT7-1 | SG-X | SG,AAA-2 | SG-X | SG,CO2-0 |
| SF-X | SF,GT1-0 | SG-D | BW,IT7-1 | SG-X | SG,AAB-0 | SG-X | SG,CO2-1 |
| SF-X | SF,GT1-1 | SG-D | GR,GT6-1 | SG-X | SG,AAB-1 | SG-X | SG,CO2-2 |
| SF-X | SF,GT1-2 | SG-D | GR,GT7-1 | SG-X | SG,ADJ-0 | SG-X | SG,CO2-3 |
| SF-X | SF,GT1-3 | SG-D | N2,GT6-1 | SG-X | SG,ADK-0 | SG-X | SG,CO2-4 |
| SF-X | SF,GT2-0 | SG-D | N2,GT7-1 | SG-X | SG,ADK-1 | SG-X | SG,CO2-5 |
| SF-X | SF,GT2-1 | SG-D | PA,PT7-1 | SG-X | SG,ADN-0 | SG-X | SG,CO3-0 |
| SF-X | SF,GT3-0 | SG-D | PA,RT6-1 | SG-X | SG,ADN-1 | SG-X | SG,CO4-0 |
| SF-X | SF,GT3-1 | SG-D | PA,RT7-1 | SG-X | SG,ADN-2 | SG-X | SG,CO4-1 |
| SF-X | SF,GT3-2 | SG-D | PB,RT7-1 | SG-X | SG,ADN-3 | SG-X | SG,CO4-2 |
| SF-X | SF,GT3-3 | SG-D | PF,PT6-1 | SG-X | SG,ADN-4 | SG-X | SG,CO5-0 |
| SF-X | SF,GT3-4 | SG-D | PF,PT7-1 | SG-X | SG,ADP-0 | SG-X | SG,CO5-1 |
| SF-X | SF,GT3-5 | SG-D | PG,PT7-1 | SG-X | SG,ADP-1 | SG-X | SG,CO6-0 |
| SF-X | SF,GT4-0 | SG-D | SE,GT6-1 | SG-X | SG,ADP-2 | SG-X | SG,CO7-0 |
| SF-X | SF,GT4-1 | SG-D | SE,GT6-3 | SG-X | SG,ADP-3 | SG-X | SG,CO7-1 |
| SF-X | SF,GT5-0 | SG-D | SE,GT7-1 | SG-X | SG,AV1-0 | SG-X | SG,CO7-2 |
| SF-X | SF,GT5-1 | SG-D | SE,GT7-3 | SG-X | SG,AV3-0 | SG-X | SG,CPR-0 |
| SF-X | SF,GT6-0 | SG-D | SE,IT6-1 | SG-X | SG,AV3-1 | SG-X | SG,GI1-0 |
| SF-X | SF,GT6-1 | SG-D | SE,IT7-1 | SG-X | SG,AV3-2 | SG-X | SG,GI1-1 |
| SF-X | SF,GT6-2 | SG-D | SE,PT7-1 | SG-X | SG,AV3-3 | SG-X | SG,GI2-0 |
| SF-X | SF,GT6-3 | SG-D | SE,RT6-1 | SG-X | SG,AV3-4 | SG-X | SG,GI2-1 |
| SF-X | SF,GT7-0 | SG-D | SE,RT7-1 | SG-X | SG,AV4-0 | SG-X | SG,GI2-2 |
| SF-X | SF,GT7-1 | SG-D | SF,GT6-2 | SG-X | SG,AV4-1 | SG-X | SG,GI2-3 |
| SF-X | SF,GT7-2 | SG-D | SF,GT6-3 | SG-X | SG,AV5-0 | SG-X | SG,GI3-0 |
| SF-X | SF,GT7-3 | SG-D | SF,GT7-2 | SG-X | SG,AV5-1 | SG-X | SG,GI3-1 |
| SF-X | SF,HVG-0 | SG-D | SF,GT7-3 | SG-X | SG,AV5-2 | SG-X | SG,GT1-0 |
| SF-X | SF,HVG-1 | SG-D | SG,GT6-1 | SG-X | SG,AV6-0 | SG-X | SG,GT1-1 |
| SF-X | SF,NNN-0 | SG-D | SG,GT6-3 | SG-X | SG,AV6-1 | SG-X | SG,GT1-2 |
| SF-X | SF,NNN-1 | SG-D | SG,GT7-1 | SG-X | SG,AV6-A | SG-X | SG,GT2-0 |
| SF-X | SF,NNN-2 | SG-D | SG,PT7-1 | SG-X | SG,AV6-2 | SG-X | SG,GT2-1 |
| SF-X | SF,NNN-3 | SG-D | SG,RT6-1 | SG-X | SG,AV6-3 | SG-X | SG,GT3-0 |
| SF-X | SF,NNN-4 | SG-D | SG,RT7-1 | SG-X | SG,AV6-4 | SG-X | SG,GT3-1 |
| SF-X | SF,NNN-5 | SG-D | VX,VT6-1 | SG-X | SG,AV6-5 | SG-X | SG,GT3-2 |
| SF-X | SF,NOU-0 | SG-D | VX,VT7-0 | SG-X | SG,AV6-6 | SG-X | SG,GT3-3 |
| SF-X | SF,NOU-1 | SG-D | WX,VT6-1 | SG-X | SG,AV6-7 | SG-X | SG,GT3-4 |
| SF-X | SF,NUM-0 | SG-D | WX,VT7-0 | SG-X | SG,AV6-8 | SG-X | SG,GT3-5 |
| SF-X | SF,PRE-0 | SG-D | WX,VT7-2 | SG-X | SG,AV6-9 | SG-X | SG,GT4-0 |
| SF-X | SF,PRE-1 | SG-E | BV,BI2-3 | SG-X | SG,AV8-0 | SG-X | SG,GT4-1 |
| SF-X | SF,PRE-2 | SG-E | PF,BP2-3 | SG-X | SG,AV8-1 | SG-X | SG,GT5-0 |
| SF-X | SF,PRN-0 | SG-E | VX,BE2-3 | SG-X | SG,AV8-2 | SG-X | SG,GT5-1 |
| SF-X | SF,PRN-1 | SG-F | AC,PRE-0 | SG-X | SG,AV8-3 | SG-X | SG,GT6-0 |
| SF-X | SF,PRN-2 | SG-G | PD,CCO-1 | SG-X | SG,BG1-0 | SG-X | SG,GT6-1 |
| SF-X | SF,PRN-3 | SG-G | PD,CO2-5 | SG-X | SG,BG1-1 | SG-X | SG,GT6-2 |
| SF-X | SF,PRN-4 | SG-G | PD,CO2-6 | SG-X | SG,BG2-0 | SG-X | SG,GT6-3 |
| SG-C | 1X,CO1-0 | SG-G | QU,CCO-0 | SG-X | SG,BG2-1 | SG-X | SG,GT7-0 |
| SG-C | SE,CO1-0 | SG-G | QU,CO2-5 | SG-X | SG,BG2-2 | SG-X | SG,GT7-1 |
| SG-C | SE,CO1-1 | SG-G | SE,CCO-0 | SG-X | SG,BG3-0 | SG-X | SG,GT7-2 |

## PREDICTION, SOURCE SUBRULE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SG-X | SG,GT7-3 | SG-X | SG,RT3-1 | UZ-G | DA,CCO-1 | VC-D | MQ,RL3-0 |
| SG-X | SG,HVG-0 | SG-X | SG,RT3-2 | UZ-G | DA,CO2-4 | VC-F | AC,RL1-0 |
| SG-X | SG,HVG-1 | SG-X | SG,RT4-0 | UZ-G | PD,CCO-0 | VC-F | DN,ADL-3 |
| SG-X | SG,HVP-0 | SG-X | SG,RT5-0 | UZ-G | PD,CO2-4 | VC-G | 33,CO3-4 |
| SG-X | SG,HVP-1 | SG-X | SG,RT6-0 | UZ-G | QU,CCO-1 | VC-G | 88,CO8-4 |
| SG-X | SG,NAD-0 | SG-X | SG,RT6-1 | UZ-G | QU,CIF-4 | VC-G | CM,CIF-2 |
| SG-X | SG,NNN-0 | SG-X | SG,RT7-0 | UZ-G | QU,CO2-4 | VC-G | CM,CO5-1 |
| SG-X | SG,NNN-1 | SG-X | SG,RT7-1 | UZ-G | SE,CCO-1 | VC-G | CN,CIF-2 |
| SG-X | SG,NNN-2 | SG-X | SG,TIT-0 | UZ-G | SE,CO2-4 | VC-G | CN,CO5-1 |
| SG-X | SG,NNN-3 | SG-X | SG,TIT-1 | UZ-G | SG,CCO-1 | VC-G | DA,CIF-3 |
| SG-X | SG,NNN-4 | SG-X | SG,TIT-2 | UZ-G | SG,CO2-4 | VC-G | DA,CO3-0 |
| SG-X | SG,NNN-5 | SG-X | SG,TIT-3 | VC-A | SE,ADN-0 | VC-G | DA,CO5-1 |
| SG-X | SG,NNN-6 | SG-X | SG,TIT-4 | VC-A | SE,ADN-1 | VC-G | PD,CO3-0 |
| SG-X | SG,NNN-7 | SG-X | SG,TIT-5 | VC-A | SE,ADN-2 | VC-G | PD,CO5-1 |
| SG-X | SG,NNN-8 | SG-X | SG,TIT-6 | VC-A | SE,AV3-4 | VC-G | QU,CO3-0 |
| SG-X | SG,NO4-0 | SG-X | SG,TIT-7 | VC-A | SE,BG1-1 | VC-G | SE,CO3-0 |
| SG-X | SG,NO4-1 | SG-X | SG,TOI-0 | VC-A | SE,BG2-2 | VC-G | SE,CO5-1 |
| SG-X | SG,NOU-0 | SG-X | SG,TOI-1 | VC-A | SE,BG2-3 | VC-G | SG,CO3-0 |
| SG-X | SG,NOU-1 | SG-X | SG,TOI-2 | VC-A | SE,BG3-1 | VC-G | SG,CO5-1 |
| SG-X | SG,NOU-2 | SH-G | PD,CIF-4 | VC-A | SE,CO1-1 | VC-X | NC,IPN-0 |
| SG-X | SG,NOU-3 | SH-G | QU,CIF-5 | VC-A | SE,G11-1 | VC-X | NE,IPN-0 |
| SG-X | SG,NUM-0 | SH-G | SE,CIF-4 | VC-A | SE,G12-2 | VC-X | SG,ADN-0 |
| SG-X | SG,NUM-1 | SH-G | SG,CIF-4 | VC-A | SE,G12-3 | VC-X | SG,ADN-1 |
| SG-X | SG,NUM-2 | SH-X | NE,CO1-0 | VC-A | SE,G13-1 | VC-X | SG,ADN-2 |
| SG-X | SG,PI1-0 | TX-X | TX,AV1-0 | VC-A | SE,GT1-1 | VC-X | SG,AV3-4 |
| SG-X | SG,PI1-1 | TX-X | TX,AV5-0 | VC-A | SE,GT2-1 | VC-X | SG,BG1-1 |
| SG-X | SG,PI3-0 | TX-X | TX,CMA-0 | VC-A | SE,GT3-3 | VC-X | SG,BG2-2 |
| SG-X | SG,PRE-0 | TX-X | TX,CMA-1 | VC-A | SE,GT3-4 | VC-X | SG,BG2-3 |
| SG-X | SG,PRE-1 | TX-X | TX,VI1-1 | VC-A | SE,GT3-5 | VC-X | SG,BG3-1 |
| SG-X | SG,PRE-2 | TX-X | TX,VI3-1 | VC-A | SE,GT4-1 | VC-X | SG,CO1-1 |
| SG-X | SG,PRE-3 | TX-X | TX,VT1-1 | VC-A | SE,GT5-1 | VC-X | SG,G11-1 |
| SG-X | SG,PRE-4 | TX-X | VX,VT1-0 | VC-A | SE,GT6-2 | VC-X | SG,G12-2 |
| SG-X | SG,PRE-5 | UC-G | CM,CIF-3 | VC-A | SE,GT6-3 | VC-X | SG,G12-3 |
| SG-X | SG,PRN-0 | UC-G | CN,CIF-3 | VC-A | SE,GT7-2 | VC-X | SG,G13-1 |
| SG-X | SG,PRN-1 | UC-G | DA,CIF-4 | VC-A | SE,GT7-3 | VC-X | SG,GT1-1 |
| SG-X | SG,PRN-2 | UC-G | PD,CIF-3 | VC-A | SE,HVG-1 | VC-X | SG,GT2-1 |
| SG-X | SG,PRN-3 | UC-G | SE,CIF-3 | VC-A | SE,IAD-B | VC-X | SG,GT3-3 |
| SG-X | SG,PRN-4 | UC-G | SG,CIF-3 | VC-A | SE,IAD-D | VC-X | SG,GT3-4 |
| SG-X | SG,PRN-5 | UX-X | CX,AUX-1 | VC-A | SE,IAD-F | VC-X | SG,GT3-5 |
| SG-X | SG,PRN-6 | UX-X | IX,AUX-1 | VC-A | SE,IAD-H | VC-X | SG,GT4-1 |
| SG-X | SG,PRN-7 | UX-X | UX,AUX-0 | VC-A | SE,IAV-5 | VC-X | SG,GT5-1 |
| SG-X | SG,PT1-0 | UX-X | UX,AV1-0 | VC-A | SE,IAV-7 | VC-X | SG,GT6-2 |
| SG-X | SG,PT1-1 | UX-X | UX,AV3-0 | VC-A | SE,IPN-0 | VC-X | SG,GT6-3 |
| SG-X | SG,PT1-2 | UX-X | UX,AV5-0 | VC-A | SE,IPN-8 | VC-X | SG,GT7-2 |
| SG-X | SG,PT1-3 | UX-X | UX,AV8-0 | VC-A | SE,IPN-9 | VC-X | SG,GT7-3 |
| SG-X | SG,PT2-0 | UX-X | UX,CMA-0 | VC-A | SE,IPO-A | VC-X | SG,HVG-1 |
| SG-X | SG,PT3-0 | UX-X | UX,CMA-1 | VC-A | SE,IPO-8 | VC-X | SG,IAD-1 |
| SG-X | SG,PT3-1 | UX-X | UX,PRE-0 | VC-A | SE,NNN-3 | VC-X | SG,IAD-3 |
| SG-X | SG,PT4-0 | UX-X | UX,PRE-1 | VC-A | SE,NNN-4 | VC-X | SG,IAD-5 |
| SG-X | SG,PT5-0 | UX-X | UX,PRE-2 | VC-A | SE,NO4-0 | VC-X | SG,IAD-7 |
| SG-X | SG,PT7-0 | UZ-B | SE,IAD-1 | VC-A | SE,PRN-2 | VC-X | SG,IAV-1 |
| SG-X | SG,PT7-1 | UZ-B | SE,IAD-6 | VC-A | SE,PRN-3 | VC-X | SG,IAV-3 |
| SG-X | SG,RI1-0 | UZ-B | SE,IAV-0 | VC-A | SE,TOI-1 | VC-X | SG,IPN-2 |
| SG-X | SG,RI1-1 | UZ-B | SE,IPN-2 | VC-C | 1X,IPN-0 | VC-X | SG,IPN-3 |
| SG-X | SG,RI1-2 | UZ-B | SE,IPO-0 | VC-C | MX,IAV-0 | VC-X | SG,IPO-1 |
| SG-X | SG,RI2-0 | UZ-G | 33,CO3-7 | VC-C | MX,IPN-1 | VC-X | SG,IPO-3 |
| SG-X | SG,RI2-1 | UZ-G | 88,CO8-7 | VC-C | SE,IPN-6 | VC-X | SG,NNN-3 |
| SG-X | SG,RI3-0 | UZ-G | CM,CCO-1 | VC-C | SE,IPN-8 | VC-X | SG,NNN-4 |
| SG-X | SG,RT1-0 | UZ-G | CM,CO2-3 | VC-C | SG,IPN-0 | VC-X | SG,NO4-0 |
| SG-X | SG,RT2-0 | UZ-G | CN,CCO-1 | VC-C | SG,IPN-2 | VC-X | SG,PRN-2 |
| SG-X | SG,RT3-0 | UZ-G | CN,CO2-3 | VC-D | N2,RL3-0 | | |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| VC-X | SG,PRN-3 | VS-X | SG,GT7-1 | VX-X | VX,VI1-1 | VZ-G | CN,CO4-0 |
| VC-X | SG,TOI-2 | VS-X | SG,HVG-0 | VX-X | VX,VI2-0 | VZ-G | CN,CO7-2 |
| VS-A | SE,BG1-0 | VS-X | SG,IAD-0 | VX-X | VX,VI2-1 | VZ-G | DA,AV3-1 |
| VS-A | SE,BG2-0 | VS-X | SG,IAD-2 | VX-X | VX,VI3-0 | VZ-G | DA,AV6-1 |
| VS-A | SE,BG2-1 | VS-X | SG,IAD-4 | VX-X | VX,VT1-1 | VZ-G | DA,CCO-0 |
| VS-A | SE,BG3-0 | VS-X | SG,IAD-6 | VX-X | VX,VT2-0 | VZ-G | DA,CO2-3 |
| VS-A | SE,CO1-0 | VS-X | SG,IAV-0 | VX-X | VX,VT3-0 | VZ-G | DA,CO4-2 |
| VS-A | SE,GI1-0 | VS-X | SG,IAV-2 | VX-X | VX,VT3-1 | VZ-G | DA,CO7-2 |
| VS-A | SE,GI2-0 | VS-X | SG,IPN-0 | VX-X | VX,VT3-2 | VZ-G | DB,AV3-1 |
| VS-A | SE,GI2-1 | VS-X | SG,IPN-1 | VX-X | VX,VT4-0 | VZ-G | DP,AV6-3 |
| VS-A | SE,GI3-0 | VS-X | SG,IPO-0 | VX-X | VX,VT5-0 | VZ-G | N2,AV3-1 |
| VS-A | SE,GT1-0 | VS-X | SG,IPO-2 | VX-X | VX,VT6-0 | VZ-G | NC,AV3-1 |
| VS-A | SE,GT1-2 | VS-X | SG,TIT-0 | VX-X | VX,VT6-1 | VZ-G | NE,AV3-1 |
| VS-A | SE,GT2-0 | VS-X | SG,TIT-0 | VX-X | VX,VT7-0 | VZ-G | PO,AV3-1 |
| VS-A | SE,GT3-0 | VS-X | SG,TIT-1 | VX-X | VX,VT7-1 | VZ-G | PO,AV6-2 |
| VS-A | SE,GT3-1 | VS-X | SG,TIT-2 | VZ-A | AC,RL6-1 | VZ-G | PO,CO4-0 |
| VS-A | SE,GT3-2 | VS-X | SG,TIT-3 | VZ-A | SE,AAA-0 | VZ-G | PO,CO7-2 |
| VS-A | SE,GT4-0 | VS-X | SG,TOI-1 | VZ-A | SE,AAB-0 | VZ-G | PF,AV3-1 |
| VS-A | SE,GT5-0 | VX-A | SE,NNN-0 | VZ-A | SE,AAB-1 | VZ-G | PF,AV6-2 |
| VS-A | SE,GT6-0 | VX-A | SE,NNN-1 | VZ-A | SE,ADP-0 | VZ-G | QU,AV3-1 |
| VS-A | SE,GT6-1 | VX-A | SE,NNN-2 | VZ-A | SE,ADP-1 | VZ-G | QU,AV6-2 |
| VS-A | SE,GT7-0 | VX-A | SE,NNN-5 | VZ-A | SE,AV3-0 | VZ-G | QU,CO4-0 |
| VS-A | SE,GT7-1 | VX-A | SE,PRN-0 | VZ-A | SE,AV5-1 | VZ-G | SE,AV3-3 |
| VS-A | SE,HVG-0 | VX-A | SE,PRN-1 | VZ-A | SE,AV6-0 | VZ-G | SE,AV6-4 |
| VS-A | SE,IAD-A | VX-A | SE,PRN-4 | VZ-A | SE,AV6-1 | VZ-G | SE,CO7-1 |
| VS-A | SE,IAD-C | VX-F | AC,MO4-1 | VZ-A | SE,AV6-2 | VZ-G | SG,AV3-3 |
| VS-A | SE,IAD-E | VX-X | SG,NNN-0 | VZ-A | SE,AV8-0 | VZ-G | SG,AV6-5 |
| VS-A | SE,IAD-G | VX-X | SG,NNN-1 | VZ-A | SE,NOU-0 | VZ-G | SG,CO7-1 |
| VS-A | SE,IAV-4 | VX-X | SG,NNN-2 | VZ-A | SE,NOU-1 | VZ-G | VX,AV3-1 |
| VS-A | SE,IAV-6 | VX-X | SG,NNN-5 | VZ-A | SE,NUM-0 | VZ-X | NC,IAD-1 |
| VS-A | SE,IPN-6 | VX-X | SG,PRN-0 | VZ-A | SE,PT1-0 | VZ-X | NE,IAD-1 |
| VS-A | SE,IPN-7 | VX-X | SG,PRN-1 | VZ-A | SE,RI1-0 | VZ-X | SG,AAA-0 |
| VS-A | SE,IPO-7 | VX-X | SG,PRN-4 | VZ-B | SE,IAD-0 | VZ-X | SG,AAB-0 |
| VS-A | SE,IPO-9 | VX-X | VX,AAA-0 | VZ-C | 1X,IAV-0 | VZ-X | SG,AAB-1 |
| VS-A | SE,TIT-0 | VX-X | VX,ADP-0 | VZ-C | 1X,IAV-1 | VZ-X | SG,AAB-1 |
| VS-A | SE,TIT-1 | VX-X | VX,AUX-0 | VZ-C | MX,IAV-1 | VZ-X | SG,ADP-0 |
| VS-A | SE,TIT-2 | VX-X | VX,AV1-0 | VZ-C | MX,IAV-2 | VZ-X | SG,ADP-1 |
| VS-A | SE,TIT-3 | VX-X | VX,AV2-0 | VZ-C | SE,IAD-A | VZ-X | SG,AV3-0 |
| VS-A | SE,TOI-0 | VX-X | VX,AV3-0 | VZ-C | SE,IAD-B | VZ-X | SG,AV5-1 |
| VS-X | SF,TIT-3 | VX-X | VX,AV3-1 | VZ-C | SE,IAV-4 | VZ-X | SG,AV6-0 |
| VS-X | SF,TIT-4 | VX-X | VX,AV5-0 | VZ-C | SE,IAV-5 | VZ-X | SG,AV6-1 |
| VS-X | SG,BG1-0 | VX-X | VX,AV6-Q | VZ-C | SG,IAD-0 | VZ-X | SG,AV6-2 |
| VS-X | SG,BG2-0 | VX-X | VX,AV6-1 | VZ-C | SG,IAD-1 | VZ-X | SG,AV6-2 |
| VS-X | SG,BG2-1 | VX-X | VX,AV6-2 | VZ-C | SG,IAV-0 | VZ-X | SG,AV8-0 |
| VS-X | SG,BG3-0 | VX-X | VX,AV8-0 | VZ-C | SG,IAV-1 | VZ-X | SG,NOU-0 |
| VS-X | SG,CO1-0 | VX-X | VX,BE1-0 | VZ-D | N2,CO7-1 | VZ-X | SG,NOU-1 |
| VS-X | SG,GI1-0 | VX-X | VX,BE2-0 | VZ-F | AC,AAA-1 | VZ-X | SG,NUM-0 |
| VS-X | SG,GI2-0 | VX-X | VX,BE2-1 | VZ-F | AC,NOU-1 | VZ-X | SG,PT1-0 |
| VS-X | SG,GI2-1 | VX-X | VX,BE3-0 | VZ-F | AC,NUM-1 | VZ-X | SG,RI1-0 |
| VS-X | SG,GI3-0 | VX-X | VX,BE3-1 | VZ-F | AC,RL5-0 | WC-F | AC,NNN-3 |
| VS-X | SG,GT1-0 | VX-X | VX,CMA-0 | VZ-F | AC,RL6-0 | WC-F | AC,NNN-4 |
| VS-X | SG,GT1-2 | VX-X | VX,CMA-1 | VZ-G | AI,AV3-1 | WC-F | AC,PRN-1 |
| VS-X | SG,GT2-0 | VX-X | VX,HAV-0 | VZ-G | AI,AV6-2 | WC-F | AC,PRN-2 |
| VS-X | SG,GT3-0 | VX-X | VX,HAV-1 | VZ-G | CM,CCO-0 | WC-X | SF,ADN-0 |
| VS-X | SG,GT3-1 | VX-X | VX,NAD-0 | VZ-G | CM,CO2-2 | WC-X | SF,BG1-1 |
| VS-X | SG,GT3-2 | VX-X | VX,NUM-0 | VZ-G | CM,CO4-0 | WC-X | SF,BG2-2 |
| VS-X | SG,GT4-0 | VX-X | VX,PRE-0 | VZ-G | CM,CO7-2 | WC-X | SF,BG2-3 |
| VS-X | SG,GT5-0 | VX-X | VX,PRE-1 | VZ-G | CN,AV3-1 | WC-X | SF,BG3-1 |
| VS-X | SG,GT6-0 | VX-X | VX,PRE-2 | VZ-G | CN,AV6-2 | WC-X | SF,GI1-1 |
| VS-X | SG,GT6-1 | VX-X | VX,TOI-0 | VZ-G | CN,CCO-0 | WC-X | SF,GI2-2 |
| VS-X | SG,GT7-0 | VX-X | VX,VI1-0 | VZ-G | CN,CO2-2 | WC-X | SF,GI2-3 |

| PREDICTION, | SOURCE | SUBRULE | | | | | |
|---|---|---|---|---|---|---|---|
| WC-X | SF,GI3-1 | WX-X | WX,AV2-0 | WZ-F | AC,AAA-0 | XC-A | MX,NNN-4 |
| WC-X | SF,GT1-1 | WX-X | WX,AV5-0 | WZ-F | AC,ADN-0 | XC-A | MX,PRN-4 |
| WC-X | SF,GT1-3 | WX-X | WX,AV6-0 | WZ-F | AC,ADP-1 | XC-A | SE,BG1-1 |
| WC-X | SF,GT2-1 | WX-X | WX,AV8-0 | WZ-F | AC,ADP-0 | XC-A | SE,BG2-2 |
| WC-X | SF,GT3-3 | WX-X | WX,BE1-0 | WZ-F | AC,AV3-0 | XC-A | SE,BG2-3 |
| WC-X | SF,GT3-4 | WX-X | WX,BE1-1 | WZ-F | AC,NOU-3 | XC-A | SE,BG3-1 |
| WC-X | SF,GT3-5 | WX-X | WX,BE2-0 | WZ-F | AC,NUM-0 | XC-A | SE,GI1-1 |
| WC-X | SF,GT4-1 | WX-X | WX,BE2-1 | WZ-F | AC,PT1-0 | XC-A | SE,GI2-2 |
| WC-X | SF,GT5-1 | WX-X | WX,BE2-2 | WZ-F | AC,RI1-0 | XC-A | SE,GI2-3 |
| WC-X | SF,GT6-1 | WX-X | WX,BE2-3 | WZ-F | DN,ADL-2 | XC-A | SE,GI3-1 |
| WC-X | SF,GT6-2 | WX-X | WX,BE3-0 | WZ-G | 33,CO3-5 | XC-A | SE,GT1-1 |
| WC-X | SF,GT7-1 | WX-X | WX,BE3-1 | WZ-G | 88,CO8-5 | XC-A | SE,GT1-2 |
| WC-X | SF,GT7-2 | WX-X | WX,CMA-0 | WZ-G | CM,CO6-0 | XC-A | SE,GT2-1 |
| WC-X | SF,HVG-1 | WX-X | WX,CMA-1 | WZ-G | CM,CO7-1 | XC-A | SE,GT3-3 |
| WC-X | SF,NNN-3 | WX-X | WX,HAV-0 | WZ-G | CM,CO6-0 | XC-A | SE,GT3-4 |
| WC-X | SF,NNN-4 | WX-X | WX,HAV-1 | WZ-G | CN,CO7-1 | XC-A | SE,GT3-5 |
| WC-X | SF,PRN-2 | WX-X | WX,NAD-0 | WZ-G | DA,CO6-0 | XC-A | SE,GT4-1 |
| WC-X | SF,PRN-3 | WX-X | WX,NUM-0 | WZ-G | DA,CO7-1 | XC-A | SE,GT5-1 |
| WC-X | SF,TOI-1 | WX-X | WX,PRE-0 | WZ-G | PD,CO6-0 | XC-A | SE,GT6-2 |
| WS-X | SF,BG1-0 | WX-X | WX,PRE-1 | WZ-G | PD,CO7-1 | XC-A | SE,GT6-3 |
| WS-X | SF,BG2-0 | WX-X | WX,PRE-2 | WZ-X | SF,AAA-0 | XC-A | SE,GT7-2 |
| WS-X | SF,BG2-1 | WX-X | WX,VI1-0 | WZ-X | SF,AAB-0 | XC-A | SE,GT7-3 |
| WS-X | SF,BG3-0 | WX-X | WX,VI1-1 | WZ-X | SF,ADP-0 | XC-A | SE,HVG-1 |
| WS-X | SF,GI1-0 | WX-X | WX,VI2-0 | WZ-X | SF,ADP-1 | XC-A | SE,NNN-4 |
| WS-X | SF,GI2-0 | WX-X | WX,VI2-1 | WZ-X | SF,AV3-1 | XC-A | SE,NNN-7 |
| WS-X | SF,GI2-1 | WX-X | WX,VI2-2 | WZ-X | SF,AV3-2 | XC-A | SE,PRN-3 |
| WS-X | SF,GI3-0 | WX-X | WX,VI2-3 | WZ-X | SF,AV5-1 | XC-A | SE,PRN-6 |
| WS-X | SF,GT1-0 | WX-X | WX,VI3-0 | WZ-X | SF,AV6-2 | XC-A | SE,TOI-1 |
| WS-X | SF,GT1-2 | WX-X | WX,VI3-1 | WZ-X | SF,AV6-3 | XC-A | SF,BG1-1 |
| WS-X | SF,GT2-0 | WX-X | WX,VT1-0 | WZ-X | SF,AV8-0 | XC-A | SF,BG2-2 |
| WS-X | SF,GT3-0 | WX-X | WX,VT1-1 | WZ-X | SF,NOU-0 | XC-A | SF,BG2-3 |
| WS-X | SF,GT3-1 | WX-X | WX,VT1-2 | WZ-X | SF,NOU-1 | XC-A | SF,BG3-1 |
| WS-X | SF,GT3-2 | WX-X | WX,VT1-3 | WZ-X | SF,NUM-0 | XC-A | SF,GI1-1 |
| WS-X | SF,GT4-0 | WX-X | WX,VT2-0 | XC-A | 1X,BG1-1 | XC-A | SF,GI2-2 |
| WS-X | SF,GT5-0 | WX-X | WX,VT2-1 | XC-A | 1X,BG2-2 | XC-A | SF,GI2-3 |
| WS-X | SF,GT6-0 | WX-X | WX,VT2-2 | XC-A | 1X,BG2-3 | XC-A | SF,GI3-1 |
| WS-X | SF,GT6-3 | WX-X | WX,VT3-0 | XC-A | 1X,BG3-1 | XC-A | SF,GT1-1 |
| WS-X | SF,GT7-0 | WX-X | WX,VT3-1 | XC-A | 1X,GI1-1 | XC-A | SF,GT1-2 |
| WS-X | SF,GT7-3 | WX-X | WX,VT3-2 | XC-A | 1X,GI2-2 | XC-A | SF,GT1-3 |
| WS-X | SF,HVG-0 | WX-X | WX,VT3-4 | XC-A | 1X,GI2-3 | XC-A | SF,GT1-3 |
| WS-X | SF,TIT-0 | WX-X | WX,VT3-5 | XC-A | 1X,GI3-1 | XC-A | SF,GT2-1 |
| WS-X | SF,TIT-1 | WX-X | WX,VT3-6 | XC-A | 1X,GT1-1 | XC-A | SF,GT3-3 |
| WS-X | SF,TIT-2 | WX-X | WX,VT3-7 | XC-A | 1X,GT1-2 | XC-A | SF,GT3-4 |
| WS-X | SF,TOI-0 | WX-X | WX,VT4-0 | XC-A | 1X,GT2-1 | XC-A | SF,GT3-5 |
| WX-F | AC,NNN-0 | WX-X | WX,VT4-1 | XC-A | 1X,GT3-3 | XC-A | SF,GT4-1 |
| WX-F | AC,NNN-1 | WX-X | WX,VT5-0 | XC-A | 1X,GT3-4 | XC-A | SF,GT5-1 |
| WX-F | AC,NNN-2 | WX-X | WX,VT5-1 | XC-A | 1X,GT3-5 | XC-A | SF,GT6-1 |
| WX-F | AC,NNN-5 | WX-X | WX,VT6-0 | XC-A | 1X,GT4-1 | XC-A | SF,GT6-2 |
| WX-F | AC,NO4-0 | WX-X | WX,VT6-1 | XC-A | 1X,GT5-1 | XC-A | SF,GT7-1 |
| WX-F | AC,PRN-0 | WX-X | WX,VT7-1 | XC-A | 1X,GT6-2 | XC-A | SF,GT7-2 |
| WX-F | AC,PRN-3 | WX-X | WX,VT7-2 | XC-A | 1X,GT6-3 | XC-A | SF,HVG-1 |
| WX-X | SF,NNN-0 | WX-X | WX,VT7-3 | XC-A | 1X,GT7-2 | XC-A | SF,NNN-4 |
| WX-X | SF,NNN-1 | WX-X | WX,VT7-4 | XC-A | 1X,GT7-3 | XC-A | SF,PRN-3 |
| WX-X | SF,NNN-2 | WZ-A | AC,AV8-0 | XC-A | 1X,HVG-2 | XC-A | SF,TOI-1 |
| WX-X | SF,NNN-5 | WZ-A | AC,NOU-0 | XC-A | 1X,HVG-3 | XC-A | SG,BG1-1 |
| WX-X | SF,PRN-0 | WZ-C | SE,IAD-E | XC-A | 1X,NNN-4 | XC-A | SG,BG2-2 |
| WX-X | SF,PRN-1 | WZ-C | SE,IAD-F | XC-A | 1X,PRN-4 | XC-A | SG,BG3-1 |
| WX-X | SF,PRN-4 | WZ-C | SG,IAD-4 | XC-A | 4X,MMM-4 | XC-A | SG,GI1-1 |
| WX-X | WX,AAA-0 | WZ-C | SG,IAD-5 | XC-A | 7X,MMM-4 | XC-A | SG,GI2-2 |
| WX-X | WX,AUX-0 | WZ-D | N2,CO7-0 | XC-A | AC,NNN-4 | XC-A | SG,GI2-3 |
| WX-X | WX,AV1-0 | | | XC-A | AC,PRN-2 | | |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| XC-A | SG,GI3-1 | XD-A | 1X,PRN-3 | ZC-B | SE,IPO-2 | ZC-E | FX,PRE-0 |
| XC-A | SG,GT1-1 | XD-A | 4X,MMM-3 | ZC-B | SE,IPO-3 | ZC-E | FX,PRE-1 |
| XC-A | SG,GT1-2 | XD-A | 7X,MMM-3 | ZC-B | SE,IPO-7 | ZC-E | HX,PRE-0 |
| XC-A | SG,GT2-1 | XD-A | AC,NNN-3 | ZC-B | SE,IPO-8 | ZC-E | IF,PRE-0 |
| XC-A | SG,GT3-3 | XD-A | AC,PRN-1 | ZC-B | SE,IPO-9 | ZC-E | IF,PRE-1 |
| XC-A | SG,GT3-4 | XD-A | MX,NNN-3 | ZC-B | SG,IPO-0 | ZC-E | IG,PRE-0 |
| XC-A | SG,GT3-5 | XD-A | MX,PRN-3 | ZC-B | SG,IPO-0 | ZC-E | IG,PRE-1 |
| XC-A | SG,GT4-1 | XD-A | SE,NNN-3 | ZC-B | SG,IPO-1 | ZC-E | IX,PRE-0 |
| XC-A | SG,GT5-1 | XD-A | SE,PRN-2 | ZC-B | SG,IPO-2 | ZC-E | IX,PRE-1 |
| XC-A | SG,GT6-2 | XD-A | SF,NNN-3 | ZC-B | SG,IPO-2 | ZC-E | MX,PRE-0 |
| XC-A | SG,GT6-3 | XD-A | SF,PRN-2 | ZC-B | SG,IPO-3 | ZC-E | MX,PRE-1 |
| XC-A | SG,GT7-2 | XD-A | SG,NNN-3 | ZC-C | SE,ADJ-0 | ZC-E | N2,PRE-0 |
| XC-A | SG,GT7-3 | XD-A | SG,PRN-2 | ZC-C | SE,ADK-0 | ZC-E | N2,PRE-1 |
| XC-A | SG,HVG-1 | XD-X | XD,AV1-0 | ZC-C | SE,ADK-1 | ZC-E | N3,PRE-0 |
| XC-A | SG,NNN-4 | XD-X | XD,AV2-0 | ZC-C | SE,IPN-1 | ZC-E | N3,PRE-1 |
| XC-A | SG,NNN-7 | XD-X | XD,AV3-0 | ZC-C | SE,IPN-2 | ZC-E | NC,IAV-0 |
| XC-A | SG,PRN-3 | XD-X | XD,AV5-0 | ZC-C | SE,IPN-7 | ZC-E | NC,IAV-2 |
| XC-A | SG,PRN-6 | XD-X | XD,AV6-0 | ZC-C | SE,IPN-9 | ZC-E | NC,PRE-1 |
| XC-A | SG,TOI-2 | XD-X | XD,AV6-1 | ZC-C | SE,IPN-9 | ZC-E | NC,PRE-2 |
| XC-B | N2,GT1-1 | XD-X | XD,AV8-0 | ZC-C | SG,ADJ-0 | ZC-E | ND,IAV-0 |
| XC-B | N2,NNN-3 | XD-X | XD,CMA-0 | ZC-C | SG,ADK-0 | ZC-E | ND,PRE-0 |
| XC-B | N2,PRO-2 | XD-X | XD,CMA-1 | ZC-C | SG,ADK-1 | ZC-E | NE,IAV-0 |
| XC-B | N5,MMM-3 | XD-X | XD,CPR-0 | ZC-C | SG,IPN-1 | ZC-E | NE,IAV-2 |
| XC-B | N8,MMM-3 | XD-X | XD,PRE-0 | ZC-C | SG,IPN-3 | ZC-E | NE,PRE-1 |
| XC-B | NQ,NNN-3 | XD-X | XD,PRE-1 | ZC-D | A1,ADJ-0 | ZC-E | NE,PRE-2 |
| XC-B | NQ,PRO-2 | XD-X | XD,PRE-2 | ZC-D | A1,PT1-0 | ZC-E | PA,PRE-0 |
| XC-C | N3,NOU-3 | ZC-A | SE,IPN-0 | ZC-D | A1,RI1-0 | ZC-E | PA,PRE-1 |
| XC-C | N3,NUM-3 | ZC-A | SE,IPN-0 | ZC-D | AI,AAB-0 | ZC-E | PB,PRE-0 |
| XC-C | N3,PRN-2 | ZC-A | SE,IPN-6 | ZC-D | AI,ADJ-0 | ZC-E | PB,PRE-1 |
| XC-C | N6,MMM-3 | ZC-A | SE,IPN-8 | ZC-E | 1X,IAV-1 | ZC-E | PD,CPR-0 |
| XC-C | N9,MMM-3 | ZC-A | SF,GT1-3 | ZC-E | 1X,IAV-1 | ZC-E | PD,NAD-0 |
| XC-D | A1,NUM-0 | ZC-A | SG,IPN-0 | ZC-E | 1X,PRE-0 | ZC-E | PD,PRE-0 |
| XC-E | MX,IAV-2 | ZC-A | SG,IPN-0 | ZC-E | 1X,PRE-1 | ZC-E | PD,PRE-1 |
| XC-E | QU,NAD-0 | ZC-A | SG,IPN-2 | ZC-E | 33,PRE-0 | ZC-E | PF,PRE-0 |
| XC-G | AP,RT1-1 | ZC-B | N2,BG1-0 | ZC-E | 33,PRE-1 | ZC-E | PF,PRE-1 |
| XC-H | GR,GT1-1 | ZC-B | N2,BG2-0 | ZC-E | 88,PRE-0 | ZC-E | PG,PRE-0 |
| XC-L | SE,IT1-1 | ZC-B | N2,BG2-1 | ZC-E | 88,PRE-1 | ZC-E | PG,PRE-1 |
| XC-M | SE,RT7-2 | ZC-B | N2,BG3-0 | ZC-E | BV,PRE-0 | ZC-E | QU,CPR-0 |
| XC-M | SG,BR2-2 | ZC-B | N2,GI1-0 | ZC-E | BV,PRE-1 | ZC-E | QU,PRE-0 |
| XC-S | PD,CMA-4 | ZC-B | N2,GI2-0 | ZC-E | BW,PRE-0 | ZC-E | QU,PRE-1 |
| XC-S | QU,CMA-2 | ZC-B | N2,GI2-1 | ZC-E | BW,PRE-1 | ZC-E | SE,CPR-0 |
| XC-W | SE,CO1-1 | ZC-B | N2,GI3-0 | ZC-E | C3,PRE-0 | ZC-E | SE,IAV-0 |
| XC-W | SF,GT2-1 | ZC-B | N2,GT1-0 | ZC-E | C3,PRE-1 | ZC-E | SE,IAV-1 |
| XC-W | SG,CO1-1 | ZC-B | N2,GT2-0 | ZC-E | C8,PRE-0 | ZC-E | SE,IAV-2 |
| XC-X | CM,CMA-1 | ZC-B | N2,GT3-0 | ZC-E | C8,PRE-1 | ZC-E | SE,IAV-3 |
| XC-X | XC,AV1-0 | ZC-B | N2,GT3-1 | ZC-E | CM,CPR-0 | ZC-E | SE,IAV-4 |
| XC-X | XC,AV2-0 | ZC-B | N2,GT3-2 | ZC-E | CM,PRE-0 | ZC-E | SE,IAV-5 |
| XC-X | XC,AV3-0 | ZC-B | N2,GT4-0 | ZC-E | CM,PRE-1 | ZC-E | SE,IAV-5 |
| XC-X | XC,AV5-0 | ZC-B | N2,GT5-0 | ZC-E | CN,CPR-0 | ZC-E | SE,IAV-6 |
| XC-X | XC,AV6-0 | ZC-B | N2,GT6-0 | ZC-E | CN,PRE-0 | ZC-E | SE,IAV-7 |
| XC-X | XC,AV6-1 | ZC-B | N2,GT6-1 | ZC-E | CN,PRE-1 | ZC-E | SE,NAD-0 |
| XC-X | XC,AV8-0 | ZC-B | N2,GT7-0 | ZC-E | DA,CPR-0 | ZC-E | SE,PRE-0 |
| XC-X | XC,CMA-0 | ZC-B | N2,GTT-1 | ZC-E | DA,PRE-0 | ZC-E | SE,PRE-1 |
| XC-X | XC,CMA-1 | ZC-B | N2,HVG-0 | ZC-E | DA,PRE-1 | ZC-E | SE,PRE-3 |
| XC-X | XC,CMA-2 | ZC-B | N2,HVG-1 | ZC-E | DB,CPR-0 | ZC-E | SE,PRE-4 |
| XC-X | XC,CMA-3 | ZC-B | NC,IPO-0 | ZC-E | DB,PRE-0 | ZC-E | SF,PRE-0 |
| XC-X | XC,CPR-0 | ZC-B | NC,IPO-1 | ZC-E | DB,PRE-1 | ZC-E | SF,PRE-1 |
| XC-X | XC,PRE-0 | ZC-B | NE,IPO-0 | ZC-E | DN,NAD-0 | ZC-E | SG,CPR-0 |
| XC-X | XC,PRE-1 | ZC-B | NE,IPO-1 | ZC-E | DP,PRE-0 | ZC-E | SG,IAV-0 |
| XC-X | XC,PRE-2 | ZC-B | SE,IPO-0 | ZC-E | DP,PRE-1 | ZC-E | SG,IAV-2 |
| XD-A | 1X,NNN-3 | ZC-B | SE,IPO-1 | ZC-E | EX,PRE-0 | ZC-E | SG,IAV-2 |

## PREDICTION, SOURCE SUBRULE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ZC-E | SG,IAV-3 | ZC-M | SE,PT5-0 | ZC-W | SE,GT7-1 | ZC-W | SF,PRN-0 |
| ZC-E | SG,NAD-0 | ZC-M | SE,PT7-0 | ZC-W | SF,AAA-0 | ZC-W | SF,PRN-1 |
| ZC-E | SG,PRE-0 | ZC-M | SE,PT7-1 | ZC-W | SF,AAB-0 | ZC-W | SF,PRN-2 |
| ZC-E | SG,PRE-1 | ZC-M | SE,RI1-2 | ZC-W | SF,ADN-0 | ZC-W | SF,PRN-3 |
| ZC-E | SG,PRE-3 | ZC-M | SE,RI2-0 | ZC-W | SF,ADP-0 | ZC-W | SF,PRN-4 |
| ZC-E | SG,PRE-4 | ZC-M | SE,RI2-1 | ZC-W | SF,ADP-1 | ZC-W | SG,GT7-1 |
| ZC-E | UX,PRE-0 | ZC-M | SE,RI3-0 | ZC-W | SF,AV3-1 | ZD-A | SE,NNN-6 |
| ZC-E | UX,PRE-1 | ZC-M | SE,RT1-0 | ZC-W | SF,AV3-2 | ZD-A | SE,PRN-5 |
| ZC-E | VX,NAD-0 | ZC-M | SE,RT2-0 | ZC-W | SF,AV5-1 | ZD-A | SG,NNN-6 |
| ZC-E | VX,PRE-0 | ZC-M | SE,RT3-1 | ZC-W | SF,AV6-2 | ZD-A | SG,PRN-5 |
| ZC-E | VX,PRE-1 | ZC-M | SE,RT3-2 | ZC-W | SF,AV6-3 | ZD-B | N2,NNN-0 |
| ZC-E | WX,NAD-0 | ZC-M | SE,RT3-3 | ZC-W | SF,AV8-0 | ZD-B | N2,PRO-0 |
| ZC-E | WX,PRE-0 | ZC-M | SE,RT4-0 | ZC-W | SF,BG1-0 | ZD-B | N5,MMM-0 |
| ZC-E | WX,PRE-1 | ZC-M | SE,RT5-0 | ZC-W | SF,BG1-1 | ZD-B | N8,MMM-0 |
| ZC-E | XC,CPR-0 | ZC-M | SE,RT6-0 | ZC-W | SF,BG2-0 | ZD-B | NQ,NNN-0 |
| ZC-E | XC,PRE-0 | ZC-M | SE,RT6-1 | ZC-W | SF,BG2-1 | ZD-B | NQ,PRO-0 |
| ZC-E | XC,PRE-1 | ZC-M | SE,RT7-1 | ZC-W | SF,BG2-2 | ZD-C | N3,NOU-0 |
| ZC-E | XD,CPR-0 | ZC-M | SG,BR1-0 | ZC-W | SF,BG2-3 | ZD-C | N3,NUM-0 |
| ZC-E | XD,PRE-0 | ZC-M | SG,BR2-1 | ZC-W | SF,BG3-0 | ZD-C | N3,PRN-0 |
| ZC-E | XD,PRE-1 | ZC-M | SG,BR3-0 | ZC-W | SF,BG3-1 | ZD-C | N6,MMM-0 |
| ZC-H | GR,BG1-0 | ZC-M | SG,HVP-1 | ZC-W | SF,GI1-0 | ZD-C | N9,MMM-0 |
| ZC-H | GR,BG2-0 | ZC-M | SG,PI1-0 | ZC-W | SF,GI1-1 | ZM-A | 1X,IAV-2 |
| ZC-H | GR,BG2-1 | ZC-M | SG,PI3-0 | ZC-W | SF,GI2-0 | ZM-A | 1X,IPN-0 |
| ZC-H | GR,BG3-0 | ZC-M | SG,PT1-3 | ZC-W | SF,GI2-1 | ZM-A | 1X,IPN-1 |
| ZC-H | GR,GI1-0 | ZC-M | SG,PT2-0 | ZC-W | SF,GI2-2 | ZM-A | 1X,IPO-0 |
| ZC-H | GR,GI2-0 | ZC-M | SG,PT3-0 | ZC-W | SF,GI2-3 | ZM-A | 1X,IPO-1 |
| ZC-H | GR,GI2-1 | ZC-M | SG,PT3-1 | ZC-W | SF,GI3-0 | ZM-A | MX,IAV-3 |
| ZC-H | GR,GI3-0 | ZC-M | SG,PT4-0 | ZC-W | SF,GI3-1 | ZM-A | MX,IPN-0 |
| ZC-H | GR,GT1-0 | ZC-M | SG,PT5-0 | ZC-W | SF,GT1-0 | ZM-A | MX,IPN-1 |
| ZC-H | GR,GT2-0 | ZC-M | SG,PT7-1 | ZC-W | SF,GT1-1 | ZM-A | MX,IPO-0 |
| ZC-H | GR,GT3-0 | ZC-M | SG,RI1-2 | ZC-W | SF,GT1-2 | ZM-A | MX,IPO-1 |
| ZC-H | GR,GT3-1 | ZC-M | SG,RI2-0 | ZC-W | SF,GT2-0 | ZM-E | 1X,AV1-0 |
| ZC-H | GR,GT3-2 | ZC-M | SG,RI2-1 | ZC-W | SF,GT3-0 | ZM-E | 1X,AV1-1 |
| ZC-H | GR,GT4-0 | ZC-M | SG,RI3-0 | ZC-W | SF,GT3-1 | ZM-E | 1X,AV1-2 |
| ZC-H | GR,GT5-0 | ZC-M | SG,RT1-0 | ZC-W | SF,GT3-2 | ZM-E | 33,AV1-0 |
| ZC-H | GR,GT6-0 | ZC-M | SG,RT2-0 | ZC-W | SF,GT3-3 | ZM-E | 33,AV2-1 |
| ZC-H | GR,GT6-1 | ZC-M | SG,RT3-0 | ZC-W | SF,GT3-4 | ZM-E | 4X,AV1-0 |
| ZC-H | GR,GT7-0 | ZC-M | SG,RT3-1 | ZC-W | SF,GT3-5 | ZM-E | 88,AV1-0 |
| ZC-H | GR,GT7-1 | ZC-M | SG,RT3-2 | ZC-W | SF,GT4-0 | ZM-E | 88,AV2-0 |
| ZC-H | GR,HVG-0 | ZC-M | SG,RT3-2 | ZC-W | SF,GT4-1 | ZM-E | A1,AV1-0 |
| ZC-H | GR,HVG-1 | ZC-M | SG,RT4-0 | ZC-W | SF,GT5-0 | ZM-E | AC,AV1-0 |
| ZC-I | CM,TOI-0 | ZC-M | SG,RT4-0 | ZC-W | SF,GT5-1 | ZM-E | AI,AV1-0 |
| ZC-I | CN,TOI-0 | ZC-M | SG,RT5-0 | ZC-W | SF,GT6-0 | ZM-E | AP,AV1-0 |
| ZC-I | IF,TOI-0 | ZC-M | SG,RT5-0 | ZC-W | SF,GT6-1 | ZM-E | B1,AV1-0 |
| ZC-I | IG,TOI-0 | ZC-M | SG,RT6-0 | ZC-W | SF,GT6-2 | ZM-E | BV,AV1-0 |
| ZC-I | PD,TOI-0 | ZC-M | SG,RT6-0 | ZC-W | SF,GT6-3 | ZM-E | BW,AV1-0 |
| ZC-I | SG,TOI-0 | ZC-M | SG,RT6-1 | ZC-W | SF,GT7-1 | ZM-E | BX,AV1-0 |
| ZC-I | VX,TOI-0 | ZC-M | SG,RT6-1 | ZC-W | SF,GT7-2 | ZM-E | BY,AV1-0 |
| ZC-M | SE,BR1-0 | ZC-M | SG,RT7-0 | ZC-W | SF,GT7-3 | ZM-E | C2,AV1-0 |
| ZC-M | SE,BR2-0 | ZC-M | SG,RT7-0 | ZC-W | SF,HVG-0 | ZM-E | C3,AV1-0 |
| ZC-M | SE,BR2-1 | ZC-M | SG,RT7-1 | ZC-W | SF,HVG-1 | ZM-E | C3,AV2-0 |
| ZC-M | SE,BR3-0 | ZC-M | SG,RT7-1 | ZC-W | SF,NNN-0 | ZM-E | C8,AV1-0 |
| ZC-M | SE,HVP-0 | ZC-N | EX,BE2-0 | ZC-W | SF,NNN-1 | ZM-E | C8,AV2-0 |
| ZC-M | SE,HVP-1 | ZC-N | FX,BE3-0 | ZC-W | SF,NNN-2 | ZM-E | CM,AV1-0 |
| ZC-M | SE,PI1-0 | ZC-T | PD,CCO-1 | ZC-W | SF,NNN-3 | ZM-E | CM,AV2-0 |
| ZC-M | SE,PI3-0 | ZC-T | PD,CIF-4 | ZC-W | SF,NNN-4 | ZM-E | CN,AV1-0 |
| ZC-M | SE,PT1-3 | ZC-T | PD,CIF-5 | ZC-W | SF,NNN-5 | ZM-E | CN,AV2-0 |
| ZC-M | SE,PT2-0 | ZC-T | PD,CO2-5 | ZC-W | SF,NOU-0 | ZM-E | CX,AV1-0 |
| ZC-M | SE,PT3-0 | ZC-W | 1X,CO1-0 | ZC-W | SF,NOU-1 | ZM-E | DA,AV1-0 |
| ZC-M | SE,PT3-1 | | | ZC-W | SF,NUM-0 | ZM-E | DA,AV2-0 |
| ZC-M | SE,PT4-0 | | | | | ZM-E | DA,TOI-0 |

| PREDICTION, SOURCE SUBRULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| ZM-E | DB,AV1-0 | ZM-G | AP,PI3-0 | ZM-I | NC,IAD-3 | ZM-M | PB,RT1-3 |
| ZM-E | DB,AV2-0 | ZM-G | AP,PT1-0 | ZM-I | NC,IAV-2 | ZM-M | PB,RT2-0 |
| ZM-E | DB,AV4-0 | ZM-G | AP,PT2-0 | ZM-I | NC,IPO-1 | ZM-M | PB,RT2-1 |
| ZM-E | DB,AV6-0 | ZM-G | AP,PT3-0 | ZM-I | NE,IAD-3 | ZM-M | PB,RT2-2 |
| ZM-E | DB,AV7-0 | ZM-G | AP,PT3-1 | ZM-I | NE,IAV-2 | ZM-M | PB,RT3-0 |
| ZM-E | DP,AV1-0 | ZM-G | AP,PT4-0 | ZM-I | NE,IPO-1 | ZM-M | PB,RT3-1 |
| ZM-E | DQ,AV1-0 | ZM-G | AP,PT5-0 | ZM-I | QU,TOI-0 | ZM-M | PB,RT3-2 |
| ZM-E | EX,AV1-0 | ZM-G | AP,PT7-0 | ZM-M | PA,BR1-0 | ZM-M | PB,RT3-3 |
| ZM-E | FX,AV1-0 | ZM-G | AP,PT7-1 | ZM-M | PA,BR2-0 | ZM-M | PB,RT3-4 |
| ZM-E | G1,AV1-0 | ZM-G | AP,RI1-0 | ZM-M | PA,BR2-1 | ZM-M | PB,RT3-5 |
| ZM-E | GR,AV1-0 | ZM-G | AP,RI2-0 | ZM-M | PA,BR3-0 | ZM-M | PB,RT4-0 |
| ZM-E | HX,AV1-0 | ZM-G | AP,RI2-1 | ZM-M | PA,HVP-0 | ZM-M | PB,RT4-1 |
| ZM-E | IF,AV1-0 | ZM-G | AP,RI3-0 | ZM-M | PA,HVP-1 | ZM-M | PB,RT5-0 |
| ZM-E | IG,AV1-0 | ZM-G | AP,RT1-0 | ZM-M | PA,PI1-0 | ZM-M | PB,RT5-1 |
| ZM-E | II,AV1-0 | ZM-G | AP,RT2-0 | ZM-M | PA,PT1-0 | ZM-M | PB,RT6-0 |
| ZM-E | IX,AV1-0 | ZM-G | AP,RT3-0 | ZM-M | PA,PT2-0 | ZM-M | PB,RT6-1 |
| ZM-E | MX,AV1-0 | ZM-G | AP,RT3-1 | ZM-M | PA,PT3-0 | ZM-M | PF,BP1-0 |
| ZM-E | MX,AV1-1 | ZM-G | AP,RT3-2 | ZM-M | PA,PT3-1 | ZM-M | PF,BP2-0 |
| ZM-E | MX,AV1-2 | ZM-G | AP,RT4-0 | ZM-M | PA,PT4-0 | ZM-M | PF,BP2-1 |
| ZM-E | N2,AV1-0 | ZM-G | AP,RT5-0 | ZM-M | PA,PT5-0 | ZM-M | PF,BP3-0 |
| ZM-E | N3,AV1-0 | ZM-G | AP,RT6-0 | ZM-M | PA,RI1-0 | ZM-M | PF,HP1-0 |
| ZM-E | N5,AV1-0 | ZM-G | AP,RT6-1 | ZM-M | PA,RI2-0 | ZM-M | PF,HP3-0 |
| ZM-E | N6,AV1-0 | ZM-G | AP,RT7-0 | ZM-M | PA,RI2-1 | ZM-M | PF,HP3-1 |
| ZM-E | NC,AV1-0 | ZM-G | AP,RT7-1 | ZM-M | PA,RI3-0 | ZM-M | PF,HP4-0 |
| ZM-E | ND,AV1-0 | ZM-G | AP,TOI-0 | ZM-M | PA,RT1-0 | ZM-M | PF,HP5-0 |
| ZM-E | NE,AV1-0 | ZM-I | BV,BI1-0 | ZM-M | PA,RT2-0 | ZM-M | PF,PI1-0 |
| ZM-E | NQ,AV1-0 | ZM-I | BV,BI2-0 | ZM-M | PA,RT3-0 | ZM-M | PF,PI2-0 |
| ZM-E | PA,AV1-0 | ZM-I | BV,BI2-1 | ZM-M | PA,RT3-1 | ZM-M | PF,PI2-1 |
| ZM-E | PB,AV1-0 | ZM-I | BV,BI3-0 | ZM-M | PA,RT3-2 | ZM-M | PF,PI3-0 |
| ZM-E | PD,AV1-0 | ZM-I | BV,HVI-0 | ZM-M | PA,RT4-0 | ZM-M | PF,PT1-0 |
| ZM-E | PD,AV2-0 | ZM-I | BV,II1-0 | ZM-M | PA,RT5-0 | ZM-M | PF,PT2-0 |
| ZM-E | PF,AV1-0 | ZM-I | BV,II1-1 | ZM-M | PA,RT6-0 | ZM-M | PF,PT3-0 |
| ZM-E | PG,AV1-0 | ZM-I | BV,II2-0 | ZM-M | PA,RT6-1 | ZM-M | PF,PT3-1 |
| ZM-E | PH,AV1-0 | ZM-I | BV,II2-1 | ZM-M | PA,RT7-0 | ZM-M | PF,PT3-2 |
| ZM-E | PI,AV1-0 | ZM-I | BV,II3-0 | ZM-M | PA,RT7-1 | ZM-M | PF,PT4-0 |
| ZM-E | Q1,AV1-0 | ZM-I | BV,IT1-0 | ZM-M | PB,BR2-0 | ZM-M | PF,PT5-0 |
| ZM-E | QU,AV1-0 | ZM-I | BV,IT2-0 | ZM-M | PB,BR2-1 | ZM-M | PF,PT6-0 |
| ZM-E | QU,AV2-0 | ZM-I | BV,IT3-0 | ZM-M | PB,PT1-0 | ZM-M | PF,PT6-1 |
| ZM-E | R1,AV1-0 | ZM-I | BV,IT3-1 | ZM-M | PB,PT1-1 | ZM-M | PF,PT7-0 |
| ZM-E | RR,AV1-0 | ZM-I | BV,IT3-2 | ZM-M | PB,PT2-0 | ZM-M | PF,PT7-1 |
| ZM-E | RS,AV1-0 | ZM-I | BV,IT4-0 | ZM-M | PB,PT2-1 | ZM-M | PG,BP1-0 |
| ZM-E | SE,AV2-0 | ZM-I | BV,IT5-0 | ZM-M | PB,PT2-2 | ZM-M | PG,BP2-0 |
| ZM-E | SE,AV2-1 | ZM-I | BV,IT6-0 | ZM-M | PB,PT3-0 | ZM-M | PG,BP2-1 |
| ZM-E | SF,AV1-0 | ZM-I | BV,IT6-1 | ZM-M | PB,PT3-1 | ZM-M | PG,BP3-0 |
| ZM-E | SG,AV1-0 | ZM-I | BV,IT7-0 | ZM-M | PB,PT3-2 | ZM-M | PG,HP1-0 |
| ZM-E | TX,AV1-0 | ZM-I | BV,IT7-1 | ZM-M | PB,PT3-3 | ZM-M | PG,HP3-0 |
| ZM-E | UX,AV1-0 | ZM-I | BW,BI2-0 | ZM-M | PB,PT3-4 | ZM-M | PG,HP3-1 |
| ZM-E | VX,AV1-0 | ZM-I | BW,BI2-1 | ZM-M | PB,PT4-0 | ZM-M | PG,HP3-2 |
| ZM-E | VX,AV2-0 | ZM-I | BW,BI2-2 | ZM-M | PB,PT5-0 | ZM-M | PG,HP3-3 |
| ZM-E | WX,AV1-0 | ZM-I | BW,BI3-0 | ZM-M | PB,RI1-0 | ZM-M | PG,HP3-4 |
| ZM-E | WX,AV2-0 | ZM-I | BW,II1-0 | ZM-M | PB,RI1-1 | ZM-M | PG,HP4-0 |
| ZM-E | XC,AV1-0 | ZM-I | BW,II1-1 | ZM-M | PB,RI2-0 | ZM-M | PG,HP4-1 |
| ZM-E | XC,AV2-0 | ZM-I | BW,II2-0 | ZM-M | PB,RI2-1 | ZM-M | PG,HP5-0 |
| ZM-E | XD,AV1-0 | ZM-I | BW,II2-1 | ZM-M | PB,RI2-2 | ZM-M | PG,HP5-1 |
| ZM-E | XD,AV2-0 | ZM-I | BW,II2-2 | ZM-M | PB,RI2-3 | ZM-M | PG,PI1-0 |
| ZM-G | AP,ADJ-0 | ZM-I | BW,II3-0 | ZM-M | PB,RI3-0 | ZM-M | PG,PI1-1 |
| ZM-G | AP,ADK-0 | ZM-I | BW,IT1-0 | ZM-M | PB,RI3-1 | ZM-M | PG,PI2-0 |
| ZM-G | AP,ADK-1 | ZM-I | BW,IT1-1 | ZM-M | PB,RT1-0 | ZM-M | PG,PI2-1 |
| ZM-G | AP,BR3-0 | ZM-I | BW,IT2-0 | ZM-M | PB,RT1-1 | ZM-M | PG,PI2-2 |
| ZM-G | AP,PI1-0 | ZM-I | BX,II1-0 | ZM-M | PB,RT1-2 | ZM-M | PG,PI3-0 |
| | | ZM-I | N2,TOI-0 | | | ZM-M | PG,PI3-1 |

| PREDICTION, SOURCE SUBRULE | | | |
|---|---|---|---|
| ZM-N PG,PT1-0 | ZM-N VX,VT7-0 | ZM-W 1X,GT7-1 | ZM-W SG,BG3-1 |
| ZM-N PG,PT1-1 | ZM-N VX,VT7-1 | ZM-W 1X,GT7-3 | ZM-W SG,BI1-0 |
| ZM-N PG,PT1-2 | ZM-N WX,AUX-0 | ZM-W 1X,IAV-0 | ZM-W SG,BI1-1 |
| ZM-N PG,PT1-3 | ZM-N WX,BE1-0 | ZM-W AP,PT7-1 | ZM-W SG,GI2-0 |
| ZM-N PG,PT2-0 | ZM-N WX,BE1-1 | ZM-W AP,RT6-1 | ZM-W SG,GI2-1 |
| ZM-N PG,PT2-1 | ZM-N WX,BE2-0 | ZM-W AP,RT7-1 | ZM-W SG,GI2-2 |
| ZM-N PG,PT2-2 | ZM-N WX,BE2-1 | ZM-W BV,BI2-3 | ZM-W SG,GI2-3 |
| ZM-N PG,PT3-0 | ZM-N WX,BE2-2 | ZM-W BV,IT6-1 | ZM-W SG,GI3-0 |
| ZM-N PG,PT3-1 | ZM-N WX,BE2-3 | ZM-W BV,IT7-1 | ZM-W SG,GI3-1 |
| ZM-N PG,PT3-2 | ZM-N WX,BE3-0 | ZM-W GR,GT6-1 | ZM-W SG,GT1-0 |
| ZM-N PG,PT3-3 | ZM-N WX,BE3-1 | ZM-W GR,GT7-1 | ZM-W SG,GT1-1 |
| ZM-N PG,PT3-4 | ZM-N WX,HAV-0 | ZM-W N2,GT6-1 | ZM-W SG,GT1-2 |
| ZM-N PG,PT3-5 | ZM-N WX,HAV-1 | ZM-W N2,GT7-1 | ZM-W SG,GT2-0 |
| ZM-N PG,PT3-6 | ZM-N WX,VI1-0 | ZM-W NC,CO1-0 | ZM-W SG,GT2-1 |
| ZM-N PG,PT3-7 | ZM-N WX,VI1-1 | ZM-W NC,IAD-0 | ZM-W SG,GT3-0 |
| ZM-N PG,PT4-0 | ZM-N WX,VI2-0 | ZM-W NC,IAD-1 | ZM-W SG,GT3-1 |
| ZM-N PG,PT4-1 | ZM-N WX,VI2-1 | ZM-W NC,IAD-2 | ZM-W SG,GT3-2 |
| ZM-N PG,PT5-0 | ZM-N WX,VI2-2 | ZM-W NC,IAV-1 | ZM-W SG,GT3-3 |
| ZM-N PG,PT5-1 | ZM-N WX,VI2-3 | ZM-W NC,IPN-0 | ZM-W SG,GT3-4 |
| ZM-N PG,PT6-0 | ZM-N WX,VI3-0 | ZM-W NC,IPN-1 | ZM-W SG,GT3-5 |
| ZM-N PG,PT6-1 | ZM-N WX,VI3-1 | ZM-W NC,IPO-0 | ZM-W SG,GT4-0 |
| ZM-N PG,PT7-0 | ZM-N WX,VT1-0 | ZM-W NC,PRE-0 | ZM-W SG,GT4-1 |
| ZM-N PG,PT7-1 | ZM-N WX,VT1-1 | ZM-W NE,CO1-0 | ZM-W SG,GT5-0 |
| ZM-N PG,PT7-2 | ZM-N WX,VT1-2 | ZM-W NE,IAD-0 | ZM-W SG,GT5-1 |
| ZM-N PG,PT7-3 | ZM-N WX,VT1-3 | ZM-W NE,IAD-1 | ZM-W SG,GT6-0 |
| ZM-N PH,BP1-0 | ZM-N WX,VT2-0 | ZM-W NE,IAD-2 | ZM-W SG,GT6-1 |
| ZM-N PH,BP3-0 | ZM-N WX,VT2-1 | ZM-W NE,IAV-1 | ZM-W SG,GT6-1 |
| ZM-N PH,PI1-0 | ZM-N WX,VT2-2 | ZM-W NE,IPN-0 | ZM-W SG,GT6-2 |
| ZM-N PI,BP2-0 | ZM-N WX,VT3-0 | ZM-W NE,IPN-1 | ZM-W SG,GT6-3 |
| ZM-N PI,PI2-0 | ZM-N WX,VT3-1 | ZM-W NE,IPO-0 | ZM-W SG,GT6-3 |
| ZM-N RR,PI1-0 | ZM-N WX,VT3-2 | ZM-W NE,PRE-0 | ZM-W SG,GT7-0 |
| ZM-N RR,PI3-0 | ZM-N WX,VT3-3 | ZM-W PA,PT7-1 | ZM-W SG,GT7-1 |
| ZM-N RR,PT1-0 | ZM-N WX,VT3-4 | ZM-W PA,RT6-1 | ZM-W SG,GT7-2 |
| ZM-N RR,RI1-0 | ZM-N WX,VT3-5 | ZM-W PA,RT7-1 | ZM-W SG,GT7-3 |
| ZM-N CX,AUX-0 | ZM-N WX,VT3-6 | ZM-W PF,PT6-1 | ZM-W SG,GT7-3 |
| ZM-N CX,BE2-0 | ZM-N WX,VT3-7 | ZM-W PF,PT7-1 | ZM-W SG,HVG-0 |
| ZM-N CX,HAV-0 | ZM-N WX,VT4-0 | ZM-W SG,PRE-3 | ZM-W SG,HVG-1 |
| ZM-N CX,HAV-1 | ZM-N WX,VT4-1 | ZM-W SE,GT6-1 | ZM-W SG,NNN-0 |
| ZM-N CX,VI2-0 | ZM-N WX,VT5-0 | ZM-W SE,GT6-3 | ZM-W SG,NNN-1 |
| ZM-N CX,VT1-0 | ZM-N WX,VT5-1 | ZM-W SE,GT7-3 | ZM-W SG,NNN-2 |
| ZM-N IX,AUX-0 | ZM-N WX,VT6-0 | ZM-W SE,IT6-1 | ZM-W SG,NNN-3 |
| ZM-N IX,BE1-0 | ZM-N WX,VT6-1 | ZM-W SE,IT7-1 | ZM-W SG,NNN-4 |
| ZM-N IX,BE3-0 | ZM-N WX,VT7-1 | ZM-W SE,PT7-1 | ZM-W SG,NNN-5 |
| ZM-N IX,HAV-0 | ZM-N WX,VT7-3 | ZM-W SE,RT6-1 | ZM-W SG,NO4-0 |
| ZM-N IX,HAV-1 | ZM-N WX,VT7-4 | ZM-W SE,RT7-1 | ZM-W SG,NOU-0 |
| ZM-N IX,VI1-0 | ZM-V AC,AAA-0 | ZM-W SF,GT6-3 | ZM-W SG,NOU-1 |
| ZM-N UX,AUX-0 | ZM-V AC,NNN-0 | ZM-W SF,GT7-3 | ZM-W SG,NUM-0 |
| ZM-N VX,AUX-0 | ZM-V AC,NNN-1 | ZM-W SG,AAA-0 | ZM-W SG,PI1-1 |
| ZM-N VX,BE1-0 | ZM-V AC,NNN-2 | ZM-W SG,AAB-0 | ZM-W SG,PRE-5 |
| ZM-N VX,BE2-0 | ZM-V AC,NNN-3 | ZM-W SG,AAB-1 | ZM-W SG,PRN-0 |
| ZM-N VX,BE2-1 | ZM-V AC,NNN-4 | ZM-W SG,ADN-0 | ZM-W SG,PRN-1 |
| ZM-N VX,BE3-0 | ZM-V AC,NNN-5 | ZM-W SG,ADN-1 | ZM-W SG,PRN-2 |
| ZM-N VX,BE3-1 | ZM-V AC,NO4-0 | ZM-W SG,ADN-2- | ZM-W SG,PRN-3 |
| ZM-N VX,HAV-0 | ZM-V AC,NUM-0 | ZM-W SG,ADP-0 | ZM-W SG,PRN-4 |
| ZM-N VX,HAV-1 | ZM-V AC,PRE-0 | ZM-W SG,ADP-1 | ZM-W SG,PT1-0 |
| ZM-N VX,VI1-0 | ZM-V AC,PRE-1 | ZM-W SG,AV3-0 | ZM-W SG,PT1-1 |
| ZM-N VX,VI1-1 | ZM-V AC,PRN-0 | ZM-W SG,AV3-4 | ZM-W SG,PT7-1 |
| ZM-N VX,VI2-0 | ZM-V AC,PRN-1 | ZM-W SG,AV4-0 | ZM-W SG,RI1-0 |
| ZM-N VX,VI2-1 | ZM-V AC,PRN-2 | ZM-W SG,AV5-1 | ZM-W SG,RT6-1 |
| ZM-N VX,VI3-0 | ZM-V AC,PRN-3 | ZM-W SG,AV6-0 | ZM-W SG,RT7-1 |
| ZM-N VX,VT1-1 | ZM-V AC,PT1-0 | ZM-W SG,AV6-1 | ZM-W SG,TIT-0 |
| ZM-N VX,VT2-0 | ZM-V AC,RI1-0 | ZM-W SG,AV6-2 | ZM-W SG,TIT-1 |
| ZM-N VX,VT3-0 | ZM-V AC,RL1-0 | ZM-W SG,AV8-0 | ZM-W SG,TIT-2 |
| ZM-N VX,VT3-1 | ZM-V AC,RL1-1 | ZM-W SG,BG1-0 | ZM-W SG,TIT-3 |
| ZM-N VX,VT3-2 | ZM-V AC,RL2-0 | ZM-W SG,BG1-1 | ZM-W SG,TOI-1 |
| ZM-N VX,VT4-0 | ZM-V AC,RL5-0 | ZM-W SG,BG2-0 | ZM-W SG,TOI-2 |
| ZM-N VX,VT5-0 | ZM-V AC,RL5-1 | ZM-W SG,BG2-1 | ZM-W VX,VT6-1 |
| ZM-N VX,VT6-0 | ZM-W 1X,GT6-1 | ZM-W SG,BG2-2 | ZM-W VX,VT7-0 |
| ZM-N VX,VT6-1 | ZM-W 1X,GT6-3 | ZM-W SG,BG3-0 | ZM-W WX,VT7-0 |

| Code | Description | Code | Description | Code | Description |
|---|---|---|---|---|---|
| AAA | COMMON FEATURES OF ADJ,ADK,ADM, ADN,ADO,ART | CO8 | CONJ OF COMPAR 2 | PI2 | PAST P OF VI2 |
| | | CPR | CONJUNCTIVE ADV | PI3 | PAST P OF VI3 |
| AAB | COMMON FEATURES OF ADK,ADN | DOI | IMPERATIVE DO | PRD | PERIOD |
| | | GI1 | GERUND OF VI1 | PRE | PREPOSITION |
| ADJ | ADJECTIVE 1 | GI2 | GERUND OF VI2 | PRN | PERSONAL PRN NOM |
| ADK | ADJECTIVE 2 | GI3 | GERUND OF VI3 | PRO | PERSONAL PRN ACC |
| ADL | ADJECTIVE 3 | OT1 | GERUND OF VT1 | PRZ | INDEFINITE PRN |
| ADM | ADJECTIVE 4 | OT2 | GERUND OF VT2 | PT1 | PAST P OF VT1 |
| ADN | ADJECTIVE 5 | OT3 | GERUND OF VT3 | PT2 | PAST P OF VT2 |
| ADO | ADJECTIVE 6 | OT4 | GERUND OF VT4 | PT3 | PAST P OF VT3 |
| ADP | ADJECTIVE 7 | OT5 | GERUND OF VT5 | PT4 | PAST P OF VT4 |
| ART | PRO-ADJECTIVE | OT6 | GERUND OF VT6 | PT5 | PAST P OF VT5 |
| AUX | AUXILIARY VERB | OT7 | GERUND OF VT7 | PT6 | PAST P OF VT6 |
| AV1 | ADVERB 1 | HAV | HAVE-TENSE AUX | PT7 | PAST P OF VT7 |
| AV2 | ADVERB 2 | HP1 | HAD AS PT1 | QUE | QUESTION MARK |
| AV3 | ADVERB 3 | HP3 | HAD AS PT3 | RI1 | PRESENT P OF VI1 |
| AV4 | ADVERB 4 | HP4 | HAD AS PT4 | RI2 | PRESENT P OF VI2 |
| AV5 | ADVERB 5 | HP5 | HAD AS PT5 | RI3 | PRESENT P OF VI3 |
| AV6 | ADVERB 6 | HPP | PAST P OF HAV | RL1 | RELATIVE PRN NOM |
| AV7 | ADVERB 7 | HVO | GERUND OF HAV | RL2 | RELATIVE PRN ACC |
| AV8 | ADVERB 8 | HVI | INFINITE HAV | RL3 | REL PRN NOM WHAT |
| BE1 | BE1-COMPLETE VI | HVP | PRESENT P OF HAV | RL4 | REL PRN ACC WHAT |
| BE2 | BE2-COPULA | IAD | INTERROG ADJ | RL5 | RELATIVE ADJ |
| BE3 | BE3-AUXILIARY | IAV | INTERROG ADVERB | RL6 | RELATIVE ADVERB |
| BO1 | GERUND OF BE1 | II1 | INFINITE VI1 | RT1 | PRESENT P OF VT1 |
| BO2 | GERUND OF BE2 | II2 | INFINITE VI2 | RT2 | PRESENT P OF VT2 |
| BO3 | GERUND OF BE3 | II3 | INFINITE VI3 | RT3 | PRESENT P OF VT3 |
| BI1 | INFINITE BE1 | IPN | INTERROG PRN NOM | RT4 | PRESENT P OF VT4 |
| BI2 | INFINITE BE2 | IPO | INTERROG PRN ACC | RT5 | PRESENT P OF VT5 |
| BI3 | INFINITE BE3 | IT1 | INFINITE VT1 | RT6 | PRESENT P OF VT6 |
| BP1 | PAST P OF BE1 | IT2 | INFINITE VT2 | RT7 | PRESENT P OF VT7 |
| BP2 | PAST P OF BE2 | IT3 | INFINITE VT3 | TIT | TEMPORARY SUBJECT |
| BP3 | PAST P OF BE3 | IT4 | INFINITE VT4 | TOI | TO FOR INFINITIVE |
| BR1 | PRESENT P OF BE1 | IT5 | INFINITE VT5 | VI1 | COMPLETE VI |
| BR2 | PRESENT P OF BE2 | IT6 | INFINITE VT6 | VI2 | COPULATIVE VI |
| BR3 | PRESENT P OF BE3 | IT7 | INFINITE VT7 | VI3 | PREPOSITIONAL VI |
| CO0 | ADVERB CONJ 2 | MMM | COMMON FEATURES OF NOU,NOV,NUM | VT1 | SINGLE OBJECT VT |
| CIF | ADVERB CONJ IF | | | VT2 | DOUBLE OBJECT VT |
| CMA | COMMA | NAD | NOUN ADVERB | VT3 | OBJECT-COMPL VT |
| CO1 | NOUN CONJUNCTION | NNN | COMMON FEATURES OF NOU,NOV,NUM, PRZ | VT4 | OBJ-INF VERB VT |
| CO2 | ADVERB CONJ 1 | | | VT5 | OBJ-PARTICIPLE VT |
| CO3 | CONJ OF COMPAR 1 | | | VT6 | NOUN CLAUSE VT |
| CO4 | -EVER CONJ ADV | NO4 | NOUN 4 | VT7 | OBJ-NOUN CL VT |
| CO5 | -EVER CONJ NOM | NOU | NOUN 1 | XCO | COORDINATE CONJ1 |
| CO6 | -EVER CONJ ACC | NOV | NOUN 3 | YCO | COORDINATE CONJ2 |
| CO7 | -EVER CONJ ADJ | NUM | NOUN 2 | | |
| | | PI1 | PAST P OF VI1 | | |

List of Syntactic Word Classes